

19990922.qrp v01_n586.qrl.990922

Date: Wed, 22 Sep 1999 19:03:05 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1586

QRP-L Digest 1586

Topics covered in this issue include:

- 1) [50850] Re: Low output on HW8...
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 2) [50851] HEY!! WASSUP ON 20M???
by S LYON <sslyon@worldnet.att.net>
- 3) [50852] RE: HEY!! WASSUP ON 20M???
by "Andreas Junge" <andreas@atltech.com>
- 4) [50853] Re: HEY!! WASSUP ON 20M???
by S LYON <sslyon@worldnet.att.net>
- 5) [50854] SLX Radials/Computer cable?
by PUNISHER3@aol.com
- 6) [50855] Re: Murphy Visits N4BP
by "Richard Arland" <r_arland@hotmail.com>
- 7) [50856] Re: QRP Afield - N3XRV
by Larry Cahoon <wd3p@juno.com>
- 8) [50857] QRZ Web Listing of Callsigns
by Fred - W2XN <w2xn@netzero.net>
- 9) [50858] Re: Milliwatt'ers out in force for QRP TTF
by Larry Cahoon <wd3p@juno.com>
- 10) [50859] Re: QRP Afield scoring question
by "David Benson" <nn1g@earthlink.net>
- 11) [50860] QRP
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 12) [50861] Another ham requires help
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 13) [50862] TS-930S
by Duane Alles <w9zm@yahoo.com>
- 14) [50863] How do I change email address??
by J38AL@aol.com
- 15) [50864] Re: QRP-A a Great Event! (long)
by "Nick Kennedy" <nkennedy@cswnet.com>
- 16) [50865] OT: Amiga drivers
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 17) [50866] Re: QRP-A a Great Event! (long)
by Monte Stark <ku7y@dri.edu>
- 18) [50867] Belated NC-20 contruction
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 19) [50868] QRP Afield Results

- by "Bob Helms" <af5z@inetport.com>
- 20) [50869] Re: QRP-A and (perceived) horde of 1000MP's@5W >5el @ 150'
by S LYON <sslyon@worldnet.att.net>
- 21) [50870] Re: K2
by Bob Hightower <ki7mn@extremezone.com>
- 22) [50871] FS: LDG AT-11 auto antenna tuner
by Dave Redfearn <n4elm@texoma.net>
- 23) [50872] WTD: DOA Ten-Tec Scout or Argo
by Dave Redfearn <n4elm@texoma.net>
- 24) [50873] RE: Twinlead Hardware (was Feedpoint construction)
by "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
- 25) [50874] Paddlette KP-3: Integrated Small Keyer and Paddles
by Phil Wheeler <w7ox@mindspring.com>
- 26) [50875] QRP AFIELD: K5LN, Final report
by Ab5wx@aol.com
- 27) [50876] Re: QRZ Web Listing of Callsigns
by Bob Nielsen <nielsen@primenet.com>
- 28) [50877] K7QO on 30m
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 29) [50878] Re: Searching the archives for coax as balanced feeder?
by The Boices <boice@bigfoot.com>
- 30) [50879] Re: HEY!! WASSUP ON 20M??? (Long)
by Monte Stark <ku7y@dri.edu>
- 31) [50880] Help for a Newbie with a Pixie
by Patrick Scannell <ppdlg@gci.net>
- 32) [50881] First DSW-40 contact
by "Kory Hamzeh" <kory@avatar.com>
- 33) [50882] QRP Afield from NE Utah
by Neil Klagge <w0yse@juno.com>
- 34) [50883] Re: Antenna Article from CQ
by Jeff Logullo <logullo@mindspring.com>
- 35) [50884] Re: QRP Afield is a bust, but trip is great for AB0GO
by "Randy Jouett" <rules@bellsouth.net>
- 36) [50885] I'm Moving...
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
- 37) [50886] TEST message
by "Richard Knowles" <rgk_w8jnd@hotmail.com>
- 38) [50887] Re: Homebrewers
by "Randy Jouett" <rules@bellsouth.net>
- 39) [50888] re: solar panels
by neil tanner <ntan@crosslink.net>
- 40) [50889] Mods and Milliwatting
by tom whalen <wb5qyt@eFortress.com>
- 41) [50890] Re: Murphy Visits N4BP
by Bob Patten <n4bp@bc.seflin.org>
- 42) [50891] Jamboree on the Air
by "Thaire Bryant" <tbry37@ici.net>
- 43) [50892] QRP A N4BP Revised Summary

by Bob Patten <n4bp@bc.seflin.org>
44) [50893] RE: QRP-A a Great Event! (long)
by "Harry Hurst" <hhurst@delaware.infi.net>
45) [50894] RE: QRP-A a Great Event! (long)
by Bob Patten <n4bp@bc.seflin.org>
46) [50895] Re: Portable Operation
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
47) [50896] Re: Help for a Newbie with a Pixie
by Bruce Kizerian <kizerian@ced.utah.edu>
48) [50897] 60 years!
by Tim Ahrens <tahrens@hilconet.com>
49) [50898] Morse Code tapes
by Jim Durkin <jimdurkin@yahoo.com>
50) [50899] Re: Help for a Newbie with a Pixie -Reply
by "Bob Reynolds" <breynd@sigg.com>
51) [50900] Re: 60 years!
by "Richard E. Robinson" <rerobins@email.uncc.edu>
52) [50901] RE: 60 years!
by "Ed Tanton" <n4xy@att.net>
53) [50902] QRP AField prediction
by jaywa5whn@juno.com
54) [50903] RE: Twinlead Hardware
by "Jerry Bartachek" <jbartac@max.state.ia.us>
55) [50904] Re: Jamboree on the Air
by Stephan Greene <sgreene@patriot.net>
56) [50905] Re: Jamboree on the Air
by Chris Cartwright Sr <ccart@phideaux.com>
57) [50906] MC1350P
by "Brad Hernlem" <alihernlem@hotmail.com>
58) [50907] TenTec 580 Delta FS
by "Ken Simpson" <W8EK@fdt.net>
59) [50908] Solar Panels/Electronic Goldmine
by charles k brown <n4so@juno.com>
60) [50909] Re: K2 and Russellville, QRP, Steaks, tonight!!!!
by "Jay Bromley" <w5jay@alltel.net>
61) [50910] KF4KSM now AF4PS
by Macstein@aol.com
62) [50911] K2 business
by Eric Swartz WA6HHQ - Elecraft <erics@elecraft.com>
63) [50912] Pixie II
by Casey Ray <clray@usc.edu>
64) [50913] FS: Norcal 20
by aa5yx@juno.com
65) [50914] Re: Help for a Newbie with a Pixie
by Dean W Manley <kh6b@juno.com>
66) [50915] Re: Searching the archives for coax as balanced feeder?
by "George T. Baker" <w5yr@swbell.net>
67) [50916] Re: Help for a Newbie with a Pixie

by "Paul R. Valko" <prvalko@oakland.edu>
68) [50917] Solder lug source?
by "Robert Armstrong" <barmstrong@sisna.com>
69) [50918] Re: K2 and Tai'Chi.
by Ed Loranger <we6w@qsl.net>
70) [50919] SPRAT 100
by "George Dobbs" <g3rjv@gqrp.demon.co.uk>
71) [50920] CELTICON 2000
by "George Dobbs" <g3rjv@gqrp.demon.co.uk>
72) [50921] Re: Solder lug source?
by "Mike Yetsko" <myetsko@insydesw.com>
73) [50922] Capacitive Switch Paddles
by "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
74) [50923] Re: QRP Afield - N3XRV (reply)
by Chris Cartwright Sr <ccart@phideaux.com>
75) [50924] QRP Afield- Aw, nuts!
by "David Benson" <nn1g@earthlink.net>
76) [50925] Re low HW8 power output
by "Mike Czuhajewski" <wa8mcq@erols.com>
77) [50926] November Sweeps @ mW power
by Chris Cartwright Sr <ccart@phideaux.com>
78) [50927] SPRAT reprints (Whoops wrong price earlier post).
by neil <neil@aade.com>
79) [50928] Re: Solder lug source?
by Karl.Kanalz@optelinc.com
80) [50929] K5FO Pages, where?
by Michael <mike_mhe@compuserve.com>
81) [50930] Re: Electronic solder and Morse Express
by "Jay Bromley" <w5jay@alltel.net>
82) [50931] TenTec 555 Scout FS
by "Rich Clemens" <clemens@wvwc.edu>
83) [50932] Re: K5FO Pages, where?
by "Jay Bromley" <w5jay@alltel.net>
84) [50933] Re: K5FO Pages, where?
by "Jay Bromley" <w5jay@alltel.net>
85) [50934] Re: Antenna Article from CQ
by "William R. Colbert" <af852@rgfn.epcc.edu>
86) [50935] FCC to crack down on Freebanders
by "Richard E. Robinson" <rerobins@email.uncc.edu>
87) [50936] Re: QRP Afield- Aw, nuts!
by aa5yx@juno.com
88) [50937] Re: Solder lug source?
by Bruce Muscolino <w6toy@erols.com>
89) [50938] Of ElmeRadios, PCBs, and QRP(?)...
by Bruce Kizerian <kizerian@ced.utah.edu>
90) [50939] Re: Re low HW8 power output
by Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
91) [50940] Finding Water

- by Ed Loranger <we6w@qsl.net>
- 92) [50941] FS: Tokyo Hy-Power HT-750
by Ken Edwards <ken.edwards@oit.gatech.edu>
- 93) [50942] The Elmeradio Does Belong on the List!!
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 94) [50943] Re: K2 & Russellville, Steaks, QRP, Fun, Tonight!!!!
by "Jay Bromley" <w5jay@alltel.net>
- 95) [50944] Re: The Elmeradio Does Belong on the List!!
by Karl.Kanalz@optelinc.com
- 96) [50945] Of ElmeRadios, PCBs, and QRP(?)..
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 97) [50946] Fw: Key restoration
by "Donald Hensley" <rudy@inna.net>
- 98) [50947] Re: 60 years!
by Robert McConnell <rmcconne@lightlink.com>
- 99) [50948] Re: Belated NC-20 contruction
by "Richard Arland" <r_arland@hotmail.com>
- 100) [50949] Re: Qrp Afield Report From KI6DS
by "Richard Arland" <r_arland@hotmail.com>
- 101) [50950] Re: QRP Afield: Reporting
by Bob Edwards <w4ed@gis.net>
- 102) [50951] AA5B Afield, photos & story
by "Draper, Bruce L" <draperbl@sandia.gov>
- 103) [50952] Re: K2 business
by K2UD@aol.com
- 104) [50953] Re: 60 years!
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 105) [50954] Re: 60 years!
by George F Franklin <w0av@juno.com>
- 106) [50955] Re: Belated NC-20 contruction
by George F Franklin <w0av@juno.com>
- 107) [50956] Re: How do I change email address?? Thanks
by J38AL@aol.com
- 108) [50957] FS: Alinco DX-70T
by "Randy Moore" <wr.moore@worldnet.att.net>
- 109) [50958] Re: Of ElmeRadios, PCBs, and QRP(?)...
by Monte Stark <ku7y@dri.edu>
- 110) [50959] Chuck Adams, K7Q0's whereabouts
by PDouglas12@aol.com
- 111) [50960] Re: FCC to crack down on Freebanders
by Shepherd@aol.com
- 112) [50961] 40 foot graphite push up mast
by "Ward Hill" <w_hill@ns.net>
- 113) [50962] Re: KF4KSM now AF4PS
by "The One and Only!" <mitch96@pobox.com>
- 114) [50963] Re: Help for a Newbie with a Pixie
by Jim <w7ls@blarg.net>
- 115) [50964] LU3HIP ON 28.012.40CW

by AC6JA@aol.com

116) [50965] Re: FS: LDG AT-11 auto antenna tuner
by Dave Redfearn <n4elm@texoma.net>

117) [50966] Re: Chuck Adams, K7Q0's whereabouts
by "Steve Yates, AA5TB" <aa5tb@swbell.net>

118) [50967] RE: Chuck Adams, K7Q0's whereabouts
by "Andreas Junge" <Andreas@atltech.com>

119) [50968] Re: Chuck Adams, K7Q0's whereabouts
by "Steve Yates, AA5TB" <aa5tb@swbell.net>

120) [50969] Re: Antenna Article from CQ
by "William R. Colbert" <af852@rgfn.epcc.edu>

121) [50970] Re: QRP Afield: Reporting
by Rick Sealey <rsealey@InfoAve.Net>

122) [50971] K2 Battery Power
by Rick Sealey <rsealey@InfoAve.Net>

123) [50972] Re: 60 years!
by Bob Kimbrell <kimbrell@netcom.com>

124) [50973] Re: Notoriety!
by "William R. Colbert" <af852@rgfn.epcc.edu>

125) [50974] Re: 40 foot graphite push up mast
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>

126) [50975] [Fwd: Re: 60 years!]
by Rich Wilkerson <richqrp@home.com>

127) [50976] Re: Chuck Adams, K7Q0's whereabouts
by Roger Hightower <n7kt@earthlink.net>

128) [50977] Re: K5FO Pages, where?
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>

129) [50978] sudden survey
by David Hinerman <dlh1009@ritvax.isc.rit.edu>

130) [50979] Is Your Fireball Ready to Run?
by Ken Newman <N2CQ@citnet.com>

131) [50980] One QRP-ers other life
by "Ken Hanks" <ken.hanks@po.state.ct.us>

132) [50981] Re: K2 Battery Power
by rfoltz@turbonet.com

133) [50982] FOR SALE: BUTTERNUT HF6V VERTICAL ANT W/160M
by "Dick Schneider" <dschneider2@uswest.net>

134) [50983] HeathKit HW-8
by Mark Sailer <msailer@willys.buoy.com>

135) [50984] Re: Solder lug source?
by "Dave Fifield" <fifield@pacbell.net>

136) [50985] OT: I'll be away for a while
by "Kory Hamzeh" <kory@avatar.com>

137) [50986] Re: [Fwd: Re: 60 years!]
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>

138) [50987] Grass Wire Antenna
by "Greg Heath" <gheath1@nycap.rr.com>

139) [50988] Re: Ferrite Rod Inductors

by "Leon Heller" <leon_heller@hotmail.com>
140) [50989] Spare parts HW-8...
by Hans =?iso-8859-1?Q?=D6stnell?= <Hans.0stnell@itn.vxu.se>
141) [50990] re: solar panels
by neil tanner <ntan@crosslink.net>
142) [50991] No digest last evening?
by Tom Randall <trandall@idsi.net>
143) [50992] Belated NC-20 contruction - Solved
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
144) [50993] Fw: EI9GQ Homebrew radio page.
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
145) [50994] Re: sudden survey
by George F Franklin <w0av@juno.com>
146) [50995] Re: Chuck Adams, K7Q0's whereabouts
by "dor" <elbc@pivot.net>
147) [50996] RFI: FESTS & FORUMS
by "Rod Cerkoney" <rwc@frii.com>
148) [50997] open circuit battery voltage
by Dave Pomeroy <dave_pomeroy@yahoo.com>
149) [50998] Purely Amazing - what can be done with rotten set ups
by WB9MII@aol.com
150) [50999] QRP AFIELD
by Bruce Rattray <rattray@gpfn.sk.ca>
151) [51000] Re: open circuit battery voltage
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
152) [51001] Re: QRP-A a Great Event! (long)
by "Steven Weber" <kd1jv@moose.ncia.net>
153) [51002] =?iso-8859-1?Q?QRP_Afield_Report,_KPC?=
by "Pat Cain, K0PC" <pcain@netscape.net>
154) [51003] Electronics of Radio, by Rutledge: seen it yet?
by logullo@mindspring.com
155) [51004] Re: Purely Amazing - what can be done with rotten set ups
by Jeff <fantbb@yahoo.com>
156) [51005] QRP TRIVIA
by ARDUJENSKI@aol.com
157) [51006] Bencher paddles Allen wrenches
by Allan G Taylor <k7gt@arrl.net>
158) [51007] K2 Closure.
by Ed Loranger <we6w@qsl.net>
159) [51008] Re: Purely Amazing - what can be done with rotten set ups
by "Mike Yetsko" <myetsko@insydesw.com>
160) [51009] Re: Visual Altoids - Thanks
by Goran Hosinsky <hosinsky@jet.es>
161) [51010] Electronics of Radio Book
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
162) [51011] Re: Electronics of Radio, by Rutledge: seen it yet?
by Jim Lowman <jmlowman@ix.netcom.com>
163) [51012] RE: Help for a Newbie with a Pixie

by Sam Billingsley <SBillingsley@usaninc.com>
164) [51013] QRP fun!
by tom whalen <wb5qyt@eFortress.com>
165) [51014] Re: [Fwd: Re: 60 years!]
by "Randy Jouett" <rules@bellsouth.net>
166) [51015] AR QRP 40m Net Tonight
by Robsparks@aol.com
167) [51016] Re: Help for a Newbie with a Pixie
by Jim <w7ls@blarg.net>
168) [51017] New Products- New Whiterook Mini-Key
by "ElectronicsUSA.com" <wpc@west.net>
169) [51018] Re: K2 Closure.
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
170) [51019] REALLY RESTRICTED ANTENNAS
by ARDUJENSKI@aol.com
171) [51020] Re: open circuit battery voltage
by "George T. Baker" <w5yr@swbell.net>
172) [51021] Was:Electronics of Radio - now, Another good text
by Michael Melland <badger@vbe.com>
173) [51022] Re: open circuit battery voltage
by RABRUNER@aol.com
174) [51023] Looking for HW-8 Meter
by lou martin <lmartin@uswest.net>
175) [51024] Resistor Lead Forming Tool
by charles k brown <n4so@juno.com>
176) [51025] Re: REALLY RESTRICTED ANTENNAS
by "Jim Bates" <jimbo@spectrum-internet.com>
177) [51026] Need a Pacificon Roommate?
by "John Moriarity" <k6qq@hdo.net>
178) [51027] tube rigs
by "Perley Urquhart" <n1yuk@nemaine.com>
179) [51028] FS: QRP Tranceivers
by "Tedd Wong" <wong_te@hotmail.com>
180) [51029] Re: Antenna Article from CQ
by "The One and Only!" <mitch96@pobox.com>
181) [51030] Fw: Re: Purely Amazing - what can be done with rotten set ups
by william h ross <k6mgo@juno.com>
182) [51031] Fw: REALLY RESTRICTED ANTENNAS
by william h ross <k6mgo@juno.com>
183) [51032] FS Emtech NW40 & other stuff
by flyer@hooked.net
184) [51033] velcro tie-wraps
by n5ib@juno.com

Date: Mon, 20 Sep 1999 18:00:46 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>

To: Hans.Ostnell@itn.vxu.se, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50850] Re: Low output on HW8...
Message-ID: <004701bf03bb\$fa229000\$9137a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hans,

I recall having the same problem with my old HW-8. I could never figure out the problem. Then, "after" getting rid of it, I heard that the cores would crack over time and cause this problem. Maybe someone else can give you the details and/or varify that this is true.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Mon, 20 Sep 1999 19:25:09 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [50851] HEY!! WASSUP ON 20M???
Message-ID: <37E6C255.7E189633@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I hiked all the way up Mt Beacon today with my back-pack full of EDZ's, DSW-20, SWL 40+, yada yada and get up a great ant. stretch due west. Turn on and I get a douche of 20m QRO all pounding their calls to some apparently rare DX who decided to work split -right on 14.060 +/- 5kHz!! Anyone notice? (took today off... planned sick day)

72
-s-
--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Mon, 20 Sep 1999 16:41:02 -0700

From: "Andreas Junge" <andreas@atltech.com>
To: <sslyon@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50852] RE: HEY!! WASSUP ON 20M???
Message-ID: <NCBBICGFKJGGDJBAAKBOKEFDDLAA.andreas@atltech.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Seab,

It was very likely the pile-up for 3C0R. I guess they were on 14.025 and QSX up to 40Khz up. That is a way to wreck the whole band. Since they are operating in a very erratic way, there is not way to predict where they will be listening next. Just pick a freq and keep on calling for 4 or 5 hours...

I like DX-Peditions, and I appreciate them going to Annabon Island, but why hog 40Khz+ ?

Flame suit on ...

73,

Andreas, N6NU

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> S LYON
> Sent: Monday, September 20, 1999 4:25 PM
> To: Low Power Amateur Radio Discussion
> Subject: HEY!! WASSUP ON 20M???
>
>
> I hiked all the way up Mt Beacon today with my back-pack full of EDZ's,
> DSW-20, SWL 40+, yada yada and get up a great ant. stretch due west.
> Turn on and I get a douche of 20m QRO all pounding their calls to some
> apparently rare DX who decided to work split -right on 14.060 +/- 5kHz!!
> Anyone notice? (took today off... planned sick day)
> 72
> -s-
> --
>
> 'Seab' Lyon - AA1MY
> Beacon NY USA FN-31
> QRP-L 574 ARCI 9253
>

Date: Mon, 20 Sep 1999 19:53:34 -0400
From: S LYON <sslyon@worldnet.att.net>
To: Andreas Junge <andreas@atltech.com>, qrp chat <qrp-1@Lehigh.EDU>
Subject: [50853] Re: HEY!! WASSUP ON 20M???
Message-ID: <37E6C8FE.CA131DFC@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thank you for the explanation, Andreas... but it sure makes me angry that someone would do such an inconsiderate, stupid stunt. (assuming, of course that the explanation is correct.) May just write a complaint to ARRL/QST, and others should, too.

Andreas Junge wrote:

>
> Seab,
>
> It was very likely the pile-up for 3C0R. I guess they were on 14.025 and QSX
> up to 40Khz up. That is a way to wreck the whole band. Since they are
> operating in a very erratic way, there is not way to predict where they will
> be listening next. Just pick a freq and keep on calling for 4 or 5 hours...
>
> I like DX-Peditions, and I appreciate them going to Annabon Island, but why
> hog 40Khz+ ?
>
> Flame suit on ...
>
> 73,
>
> Andreas, N6NU
>
> > -----Original Message-----
> > From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> > S LYON
> > Sent: Monday, September 20, 1999 4:25 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: HEY!! WASSUP ON 20M???
> >
> >
> > I hiked all the way up Mt Beacon today with my back-pack full of EDZ's,
> > DSW-20, SWL 40+, yada yada and get up a great ant. stretch due west.
> > Turn on and I get a douche of 20m QRO all pounding their calls to some
> > apparently rare DX who decided to work split -right on 14.060 +/- 5kHz!!
> > Anyone notice? (took today off... planned sick day)

> > 72
> > -s-
> > --
> >
> > 'Seab' Lyon - AA1MY
> > Beacon NY USA FN-31
> > QRP-L 574 ARCI 9253
> >

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Mon, 20 Sep 1999 19:53:06 EDT
From: PUNISHER3@aol.com
To: qrp-l@lehigh.edu
Subject: [50854] SLX Radials/Computer cable?
Message-ID: <43dcbef1.251822e2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hello,

I've been looking around in a few of my catalogs and saw Ribbon cable and rotor cable. My question is, would it make very much difference between one or the other? I am guessing that the rotator cable would be thicker wire and the ribbon cable to be tiny, but since it would be for the radials/ground, I don't think that it would make too much difference. Also, what do you think would be a good number of conductors in one cable. I am thinking that I could get very good results with 9 or 10 conductor ribbon cable, but that may be too big. Any suggestions or comments?

72,
Ben
NW7DX

Date: Mon, 20 Sep 1999 23:37:41 GMT
From: "Richard Arland" <r_arland@hotmail.com>
To: n4bp@bc.seflin.org, qrp-l@Lehigh.EDU
Subject: [50855] Re: Murphy Visits N4BP
Message-ID: <19990920233741.51555.qmail@hotmail.com>
Mime-Version: 1.0

Content-Type: text/plain; format=flowed

>From: Bob Patten <n4bp@bc.seflin.org>

>Murphy is a very infrequent visitor of mine, but did me in big time this
>past
>weekend! It all started while loading up the car for the drive down to the
>middle FL Keys. Somehow, while carrying the ice chest to the car, I
>severely
>twisted my back and haven't been able to stand up straight since.

>After the first 30 QSOs, the computer locked up and even rebooting it
>wouldn't
>straighten it out. So, for the first time in several years, I went to
>paper
>logging. My marine battery had apparently been overcharged and run dry
>once
>too often as the K2 indicated the voltage at about 11.3, dropping to 10.9
>under load. Fine for the K2, but not for the notebook.
>I was surprised to find the KOA campground nearly deserted. Late Saturday
>night, I discovered why. Fortunately, it was after the six hour sprint
>ended
>that the sky opened up and we experienced the most violent thunderstorm
>we've
>ever seen. My grandson's tent did OK, but with the continuous heavy
>downpour,
>the tent that my XYL and I used wasn't up to the task of sheltering us from
>the rain. By moving the air mattress around, we were able to keep
>reasonably
>dry, but the thunder and close lightning strikes kept us awake all night.
>Noise sources during the sprint included the solar stuff that Paul Harden
>predicted for 20 Meters, electrical ignition noise from boats at the camp-
>ground, and audible noise from motorcycles all weekend during the annual
>"Poker Run". I'm a biker myself and did the Poker Run a couple of years
>ago,
>but this got downright annoying.
>
>After three cups of coffee and two Excedrin, my pounding headache finally
>went
>away and I could concentrate on my back pain.
>Got to get out of the chair and keep moving. I'll probably
>go see my XYL's chiropractor tomorrow.

Other than that, Mrs. Lincoln, how was the theater?

Only kidding, Bob. Sounds like you had some "fun". Think of it as a learning experience!

73 es nice to wk you.

Rich K7SZ

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Date: Mon, 20 Sep 1999 21:55:43 +0100
From: Larry Cahoon <wd3p@juno.com>
To: elawson@lr.net, qrp-1@Lehigh.EDU
Subject: [50856] Re: QRP Afield - N3XRV
Message-ID: <19990921.000004.4310.0.wd3p@juno.com>

On Mon, 20 Sep 1999 11:09:45 -0400 "Ed Lawson" <elawson@lr.net> writes:

>Don't know about 50MW, but I noticed very little difference in terms
>of readability between 5 W and say 500MW. Never use the
>S Meter on the Sierra, so don't know what the difference is anyway
>in terms of signal strength.

>

If you do the math it comes out to less than 2 S Units - not a huge
difference.

73 de Larry.....WD3P in MD

WAS QRPp

WAS 1,000 miles per watt and working on 10,000 miles per watt

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 20 Sep 1999 20:17:34 -0400
From: Fred - W2XN <w2xn@netzero.net>
To: qrp-1@lehigh.edu
Subject: [50857] QRZ Web Listing of Callsigns
Message-ID: <37E6CE9D.792C9BB5@netzero.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anyone else checked QRZ on the web to see if their call sign
information is correct? Mine is totally messed up. It shows the LAST

OWNER with his info for my call sign, W2XN, but shows MY picture and MY biography. Buckmaster seems to be OK, though.

QRZ: <http://www.qrz.com/wrad/directory.cgi>

Buckmaster: http://www.buck.com/cgi-bin/do_hamcall

Fred, w2xn
Lakeland FL

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<http://www.netzero.net/download/index.html>

Date: Tue, 21 Sep 1999 00:04:36 +0100
From: Larry Cahoon <wd3p@juno.com>
To: kj5tf@yahoo.com, qrp-1@Lehigh.EDU
Subject: [50858] Re: Milliwatt'ers out in force for QRP TTF
Message-ID: <19990921.000436.4310.1.wd3p@juno.com>

On Mon, 20 Sep 1999 15:44:22 -0700 (PDT) Jim Hale <kj5tf@yahoo.com>
writes:

>
>QRPp ers were out in force
>20m
>KJ4TF 40 mw
>KB8IJN 500mw
>W4EEX 500 mw
>NF9K 900 mw
>15m
>W4DEC 900 mw
>N4XNU 100mw
>AA8PJ 500mw

Add me to the list - only 4 QS0's at 500 mWatts. Didn't have the time between the son's soccer game and fixing the 40/80 Meter dipoles Floyd took down. But still had to do something so there it was.

72 de Larry.....WD3P in MD
WAS QRPp

WAS 1,000 miles per watt

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 20 Sep 1999 20:19:27 -0000
From: "David Benson" <nn1g@earthlink.net>
To: <draperbl@sandia.gov>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [50859] Re: QRP Afield scoring question
Message-ID: <000e01bf03a5\$93dd3c20\$5296173f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Draper, Bruce L <draperbl@sandia.gov>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, September 20, 1999 9:15 PM
Subject: QRP Afield scoring question

>Gotta scoring question for QRP Afield. Without very
>specific rules, I see at least a couple of ways to do
>the scoring...

>

>1. (Saturday QSO points + Sunday QSO points) x (total SPC multipliers).

>

>2. (Sat QSO points x Sat SPC mults) + (Sun QSO points x Sun SPC mults).

'Door #1 is the correct answer.' The SPC multiplier is cumulative- if you worked a given state on 20M Saturday, for instance, working it the next day on the same band doesn't count for another SPC. Any *new* SPCs you did work on Sunday are fine toward the cumulative SPC total, though. My apologies for the ambiguity and any recalculating which results- it's more work for both of us!

Feedback on the Sunday session has been really positive, so let's plan to continue that next year.

73- Dave, NN1G

Date: Tue, 21 Sep 1999 10:43:55 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50860] QRP
Message-ID: <37E6D4CA.9B34547@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

This is definitely QRP. I have two people wanting help. The first needs anyone located in Calgary Alberta prepared to contact Norman VE6AUV who would like to join the QRP fraternity. (I'll send the second one when I have permission)

His email is:

"norman carless" <phantomdog@sprint.ca>

Norman is interested building a rig. With permission his original message was:

norman carless wrote:

> hi OM
>
> very interesting site you have and everything loaded up real fine on my
> IE5 browser, quite fast.
> What i am looking for is a simple QRP rig if you have a schematic of one.
> Good luck and 73
> Norman ve6auv

73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic/>
URL - <http://www.qsl.net/vk2tip/>

Date: Tue, 21 Sep 1999 10:50:00 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50861] Another ham requires help
Message-ID: <37E6D638.29A101CF@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang here is the second one, Dale N1TXW:

Dale and Judie wrote:

> >What's the problem. What were the kits?
>
> Hi Ian,
> Thanks for the quick reply. Here are some of the answers to the questions
> that you asked .
> The last kit that I tried building was the beginners and experimenters kit,
> listed at the following address. I tried some of the mini boards prior to
> this and didn't get anything out of any of them.
>
> <http://www.pan-tex.net/usr/r/receivers/ra01000.htm>
>
> I chose this as it has a good size board to work from and I can see the
> components . I put it together , but it didn't work, so I tried a few
> things and now it is just sitting here . I asked some questions online, but
> I think that the questions I ask are likely way below the level of those
> that know how to work on such things.
>
> For test gear I have a multimeter .I also have an old Audio generator , a
> Honor, model number TE 22, plus I have some programs that work off of my
> computer for a scope ect .I have a Kenwood TS820 transceiver that might be
> helpful I have been told .
>
> As far as the tube radios go , I have tried some repairs on replacing the
> caps , but the last one I tried blew the cap straight off like a bullet and
> hit me in the arm .(Makes a good story but the radio repair isn't done yet .
>
> My location is Corinth Maine ,about 22 miles from Bangor . I live in a
> pretty rural area . If someone would be willing to work with me , they
> wouldn't necessarily have to live nearby as I have the internet and the
> computers and am familar with chat and that .
>
> Thanks again ,

> Dale n1txw
>

> <http://www.geocities.com/CapeCanaveral/Hangar/7002/>

Dale's email is:

Dale and Judie <dmmooore@mint.net>

--

73's

Ian Purdie

VK2TIP "I'll give you the TIP mate"

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

Date: Mon, 20 Sep 1999 17:58:40 -0700 (PDT)
From: Duane Alles <w9zm@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [50862] TS-930S
Message-ID: <19990921005840.10801.rocketmail@web502.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks to all that responded regarding info on the 930. I picked up the rig the other day and am very pleased. I have one issue. The TX output is too high 140watts, and needs to be turned down. I called Kenwood and it is VR8. I can see two adjustments from the top of the final unit. One is VR1 and the other I can't read. Hopefully someone with a maint. manual can help. Can VR8 be reached from the top, and what other component is it near?

Thanks & 72/73
Duane, W9ZM

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Mon, 20 Sep 1999 21:02:35 EDT
From: J38AL@aol.com

To: qrp-1@lehigh.edu
Subject: [50863] How do I change email address??
Message-ID: <a76f9245.2518332b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I would like to change my email address with QRP-L. Do I Have to unsubscribe and re-subscribe or is there a "change of address form" that can be used?? Thanks in advance for your help.

72, A1 N2ZHS
Scotia, NY

Date: Mon, 20 Sep 1999 20:01:31 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: <sslyon@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50864] Re: QRP-A a Great Event! (long)
Message-ID: <00bd01bf03cc\$e90e3f60\$317054d8@big>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: S LYON <sslyon@worldnet.att.net>

> Got kinda discouraged by bullying by horde of
>(perceived) "FT-1000-D @ '5W' to 3-el beam at 150' " -ers.

Hmmm. What are we to make of this? I was thinking about hitting the field, but remembered that currently my only battery capable QRP rig is on 30 meters. Illegal contest band.

So I figured I'd stay home and work on the 2N2/40 and "give 'em a few QSO's" with the main rig cranked down to 5 watts. Using my cf zepp since a storm busted my A3 in half.

I always thought this was a GOOD thing. I know in ARRL FD, I always urge stay-at-homes to operate class D and give those of us in the field a break from all the dupes. More grist for the mill!

Is there a difference in 5 watts from an FT-1000, IC-781 or TS-950 and 5 watts from a K2 or homebrew 6V6?

Nick, WA5BDU

Date: Tue, 21 Sep 1999 11:06:53 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50865] OT: Amiga drivers
Message-ID: <37E6DA2D.2043DBC4@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Amiga owners - what web browser do u use?

--
73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic/>
URL - <http://www.qsl.net/vk2tip/>

Date: Mon, 20 Sep 1999 18:39:36 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Nick Kennedy <nkennedy@cswnet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50866] Re: QRP-A a Great Event! (long)
Message-ID: <Pine.GS0.4.10.9909201826310.28826-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 20 Sep 1999, Nick Kennedy wrote:

>
> Is there a difference in 5 watts from an FT-1000, IC-781 or TS-950 and 5
> watts from a K2 or homebrew 6V6?
>

Hi Nick,

Ah.....you have just asked the age old question! This gets put many different ways..... are you a "pure" QRPer if.... or are you a "real" QRPer if.... or have you somehow violated the "essence" of QRP if.....

The answer is that QRP is 5w output at the TX.

That's all!

Within that "limit" there are about as many different ways to have fun as there are people running QRP!

Some love the all home brew including antennas route while others like to make rigs as small as they can. Still others run "regular" radios turned down to 5w or below and use nice antennas up as high as they can afford to get them!

And it's ALL QRP and it's all FUN!

I started using QRP in 1953 because I couldn't afford to run more power..... even running the 6AG7 metal tube upside down in a tin of water didn't let me get very much power out! At least not for long! :-)

I worked 3C0R last night on the 4th call on 20m (pure luck!) running 100w into a C4SXL at 85'. Later I had a nice chat with a fellow in WA while running 950 mW into the same antenna on 40m (where it's a 2 ele yagi).

Was I QRP for that second example?? You bet!

Oh, and the rig was the FT-1000MP.

Enjoy your 5w or any part of it, any way you like. Remember to have fun.....that's the bottom line.

And in the QRPTTF contest there is even a category for home stations! So no one can cry "foul"! :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 20 Sep 1999 22:07:55 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, "njqrp@njqrp.org" <njqrp@njqrp.org>
Subject: [50867] Belated NC-20 contruction
Message-ID: <37E6E87B.44C71551@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Okay, I know I'm fit for the Procratinators Club but I've just this week started on my original NC-20. Everything was going along swimmingly until I finished soldering up stage 10, The AFA. Everything looks right but when I hit SW2 to perform the the test I do not hear the AFA in the headphones. Anybody got any suggestions where to look first or any prime places to put a meter to see why my AFA isn't AFAing???

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Mon, 20 Sep 1999 21:18:40 -0500
From: "Bob Helms" <af5z@inetport.com>
To: "QRP-L Reflector" <qrp-1@lehigh.edu>
Cc: "WCARC Reflector" <wcarc@chatham.org>, "Lloyd & Linda Reiland" <k5rcp0@intop.net>
Subject: [50868] QRP Afield Results
Message-ID: <199909210220.VAA18323@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

The annual QRP Afield event was held Sept 18th & 19th. Ed (W2EBH) & Martha (N2VRF) Underwood, Debbie (KC5SGI, my wife) and Justin (9 year old son) planned over a month ago to participate from Mother Neff State Park about 35 miles southwest of Waco. No automatic weapons or incendiary devices were used in this attack on the ether! A

FULLY-AUTOMATIC, but licensed, memory keyer was used but no smoke was released!

Ed helped me choose a prime spot for a 7 MHz full-wave vertical delta loop among the mature (75 ft +) pecan trees at the campsite. I was unable to reach the top of the trees with the only small rock I could find when launched by an 8 ft fishing rod with an open-faced reel and 40 lb. test monofilament line. We settled with the top of the loop at about 45 or 50 feet up and the feedpoint near 10 feet above ground. This 130 ft or so of wire worked quite well when fed with 300 ohm TV twinlead and a homebrew tuner on 40 through 15 meters.

A 25-year old Ten-Tec Argonaut model 505 was used at about 3 watts output with a W9GR DSP III audio filter and Super CMOS III keyer. Logging hardware was a Pentel Forte mechanical pencil! (Sorry for the duplicate contacts fellows, my paper dupe sheet was inefficient) Signals were excellent with no noise at the site although fading was a challenge. I managed 84 contacts on Saturday between 1 and 7 PM local CDT. These included 21 on 7 MHz, 54 on 14 MHz and 9 on 21 MHz. I didn't try 80 meters due to lack of a proper antenna and the rig works poorly on 10 meters.

Total contacts were 116 with 62 SPCs (states/provinces/countries) for a total of 73,408 points. I'm sure many others will exceed this but we had FUN TOO!

The site was beautiful with a well-maintained park with water, electricity, flush toilets and hot showers. The weather remained clear with daytime high temperatures in the low 90s and nights in the 60s. There were few insects, near complete calm and no thunderstorms or rain. The park is in a flood plain but there are no sizeable hills in the area to block the signals so I doubt this had much impact. Thanks to Ed for providing the table fan during the hot afternoon. Justin enjoyed watching an armadillo sniff around for food by the campsite.

I slept in on Sunday and missed the first two hours or so of operating. Although activity was light, I added 32 contacts to the log with 8 on 7 MHz and 24 on 14 MHz.

Stations using less than a watt that were worked were NF9K, W7ILW, W4DEC, W4EEX, and K5KW.

I regularly use a horizontal loop at home and don't notice much directivity with it. The vertical loop used at the campsite had definite nulls in some directions. I had considerable difficulty working some stations that I could hear fine. A second antenna either omni-directional or directional with orientation to cover the

nulls would have been a great asset.

A neighboring camper heard the CW speaker and noticed the antenna. He asked, "How did you get it up so high?" I couldn't keep a straight face long enough to claim that I climbed those pecan trees and it was REALLY hard. At 200+ pounds and 45+ years of age, I rarely climb more than out of the recliner to get to the refrigerator!

The company and food was excellent. Ed & Martha treated us to a fine lasagna feast on Friday evening. Debbie and I attempted to reciprocate with charcoaled chicken shish-kabobs for Saturday supper. The ladies joined forces on Sunday morning to provide pancakes and fried farm-fresh eggs and bacon. Of course, I quit operating to eat whenever possible!

72,
Bob Helms, AF5Z
af5z@inetport.com

Date: Mon, 20 Sep 1999 22:24:09 -0400
From: S LYON <sslyon@worldnet.att.net>
To: Nick Kennedy <nkennedy@cswnet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50869] Re: QRP-A and (perceived) horde of 1000MP's@5W >5e1 @ 150'
Message-ID: <37E6EC49.2404D5EB@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HMMmmm... yesss -well... ahem kaff-kaff...
you understand, Nick, that "some of my best friends..." -are QRO. On the other hand, Mom always said: "just 'cuz your'e paranoid doesn't mean they're not trying to get you". The mosquito food-fight plus ergonomic travesty resulted in a spread of psycotic episodes including the "p-e-r-c-e-i-v-e-d" horde of 1000MP's... I'm pretty sure they weren't really there. (most times)

I'd be the last to dis' someone cranking down the big rig, really....
that's how I started a couple years ago.

72
-s-

Nick Kennedy wrote:

>

> -----Original Message-----
> From: S LYON <sslyon@worldnet.att.net>
>
> > Got kinda discouraged by bullying by horde of
> >(perceived) "FT-1000-D @ '5W' to 3-el beam at 150' " -ers.
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> Hmmm. What are we to make of this? I was thinking about hitting the field,
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>
> Is there a difference in 5 watts from an FT-1000, IC-781 or TS-950 and 5
> watts from a K2 or homebrew 6V6?
>
> Nick, WA5BDU

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Mon, 20 Sep 1999 19:31:23 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: SFIKE@twa.com
Cc: qrp-l@lehigh.edu
Subject: [50870] Re: K2
Message-ID: <199909210221.TAA06869@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:52 PM 9/20/99 +0000, you wrote:

>
> I stand corrected. They may not be making money "hand over fist"
> (my own words), but I suspect they'll come out ahead okay in the long run...

And, deservedly so. Great rig, and a joy to build.

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Mon, 20 Sep 1999 22:15:34 -0500
From: Dave Redfearn <n4elm@texoma.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50871] FS: LDG AT-11 auto antenna tuner
Message-ID: <37E6F856.131DA0B4@texoma.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

QRP Stuff For Sale:

LDG AT-11 Automatic antenna tuner
With V2.4 upgrades, manuals, and case
Tunes from about 2 watts up to 100 watts, works great

\$125.00 OBO + shipping

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKtexoma.net (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Mon, 20 Sep 1999 22:25:57 -0500
From: Dave Redfearn <n4elm@texoma.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50872] WTD: DOA Ten-Tec Scout or Argo
Message-ID: <37E6FAC5.2465EAB2@texoma.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looking for an ailing Ten-Tec Scout or Argo for a project rig.
Prefer the receiver working but will consider about anything.
Let me know the condition and price.

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKtexoma.net (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Mon, 20 Sep 1999 22:31:29 -0500 (CDT)
From: "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
To: qrp-l@lehigh.edu
Subject: [50873] RE: Twinlead Hardware (was Feedpoint construction)
Message-ID: <Pine.LNX.4.04.9909202223520.16642-100000@divis17.ped-gen.uiowa.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

hi all.

thanks to all who answered. most suggested drilling a hole in the aluminum, and putting in a brassmachine screw with star-type lock washers and nuts to attache to the twin-lead with soldered-on spade or ring connectors.

picked up the brass hardware this evening. need to find the brass star-washers (or 'warshers' as they say here in iowa).

> What types of hardware (screws? clamps? clips?) do people suggest
> using for physically attaching copper twin-lead (windowed line)
> wires to aluminum tubing of a vertcial antenna (permanant).

72,
--adam

Adam B. Kanis, AK0P
adam-kanis@uiowa.edu QTH: Wellman, IA (Near Iowa City) EN41ck
--- ARRL:RSGB:QRP-ARCI:GQRP:QRP-L:NorCal:Iowa QRP:SEITS ---
** On the web at <http://genome33.ped-gen.uiowa.edu/hamradio> **

Date: Mon, 20 Sep 1999 20:52:18 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: QRP List <qrp-l@lehigh.edu>
Subject: [50874] Paddlette KP-3: Integrated Small Keyer and Paddles
Message-ID: <37E700F2.295B2038@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Today I received my Paddlette KP-3: Integrated paddles and TiCK-3 keyer in a 1.5x2.0x1.5(h) package. Paddle is, I believe the Paddlette Backpacker model

Very nice touch, and a very well-featured keyer. Reviewed in October 1999 WorldRadio magazine.

So now I've ordered the "full sized" Paddlette for use with my keyer-equipped radios.

Small and light, but the magnetic hold-down system can make it effectively "heavy".

Phil W70X

p.s. -- Please reply, if any, via my email address (list is suspended because I'm not around much for a few weeks and my mailbox can saturate)

Date: Tue, 21 Sep 1999 00:07:02 EDT
From: Ab5wx@aol.com
To: qrp-1@lehigh.edu
Cc: wcarc@chatham.org
Subject: [50875] QRP AFIELD: K5LN, Final report
Message-ID: <bb70b2c6.25185e66@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

As promised in an earlier post to the group. Here is the final version of Bill, K5LN, and my, AB5WX, QRP AFIELD adventure.

Single Station, Multi-OP

-Operators: Bill Sepulveda, K5LN, and Dave Hassell, AB5WX

-Station Call :

Saturday K5LN

Sunday K5LN/P

-Category = Portable

-Number of QSOs:

Saturday = 98

Sunday = 52

-Claimed Score:

$(98 \times 4 \times 2) + (52 \times 8 \times 2) \times 78 = 126,048$

ie: $98 \text{ (sat qso)} \times 4 \text{ (portable)} \times 2 \text{ (5w pwr)} + 52 \text{ (sun qso)} \times 8 \text{ (overnite portable)} \times 2 \text{ (5w pwr)} \times 78 \text{ (spc total)}$

-Location:

Cedar Breaks, Army Corp. of Engineers Campground, Georgetown, TX

QSO per Band Report:

Saturday K5LN:

15m = 19

20m = 74

40m = 5

Sunday K5LN/P:

15m = 0

20m = 39

40m = 13

RIGS:

Heathkit HW-9 (10m - 80m)

Red Hot Radio (20m)

Maximum Power : 5W

Antennas:

20m Dipole

20m Horizontal Loop

R7 10m thru 40m Vertical

As reported earlier, we had a great campsite overlooking Lake Georgetown. We had lots of room to play with antennas and we took full advantage of it! We learned a lot and will apply new experiences to our next adventure. Thanks again to all the great qrp operators on this reflector for giving us some pile ups and lots of contacts.

72, Dave, AB5WX #1718

Date: Mon, 20 Sep 1999 21:08:37 -0700

From: Bob Nielsen <nielsen@primenet.com>

To: qrp-l@lehigh.edu

Subject: [50876] Re: QRZ Web Listing of Callsigns

Message-ID: <19990920210837.C22387@bob.localnet>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Buckmaster also has more accurate latitude/longitude data than QRZ (getting it from the address, rather than just the zip code).

Bob - w6swe

On Mon, Sep 20, 1999 at 08:17:34PM -0400, Fred - W2XN wrote:

> Has anyone else checked QRZ on the web to see if their call sign
> information is correct? Mine is totally messed up. It shows the LAST
> OWNER with his info for my call sign, W2XN, but shows MY picture and MY
> biography. Buckmaster seems to be OK, though.

>

> QRZ: <http://www.qrz.com/wrad/directory.cgi>

>

> Buckmaster: http://www.buck.com/cgi-bin/do_hamcall

>

--

Bob Nielsen
Tucson, AZ
DM42nh

Internet: nielsen@primenet.com
AMPRnet: w6swe@w6swe.ampr.org
<http://www.primenet.com/~nielsen>

Date: Mon, 20 Sep 1999 23:15:39 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: QRP-L Distribute <qrp-l@Lehigh.EDU>
Subject: [50877] K7Q0 on 30m
Message-ID: <001901bf03e7\$f6d8df40\$c037a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Just worked Chuck, K7Q0 tonight around 10.115 MHz using my PRC-38S and my 3 foot diameter loop at 1 foot off of the ground. Glad to have you back on the air and out of my skip zone!

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Tue, 21 Sep 1999 00:22:09 -0400
From: The Boices <boice@bigfoot.com>
To: <qrp-l@lehigh.edu>
Subject: [50878] Re: Searching the archives for coax as balanced feeder?
Message-ID: <3.0.6.32.19990921002209.007b8380@pop.megalink.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 17:53 99/09/20 -0500, George T. Baker wrote:

>One important added point: "ground" the coax braids to the tuner but
>leave them floating - but tied together - at the other end.

This is a common point to several of the posts. What if I use a ZM-1
without an earth ground? I take it an earth ground is highly recommended,
then?

72,

Mike Boice, KW1ND

New Gloucester, Maine FN43uw

QRP-L # 576 ARCI ARS # 188 K2 # 185 NorCal

Date: Mon, 20 Sep 1999 21:14:41 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: S LYON <sslyon@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50879] Re: HEY!! WASSUP ON 20M??? (Long)
Message-ID: <Pine.GS0.4.10.9909202050080.29484-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 20 Sep 1999, S LYON wrote:

> Thank you for the explanation, Andreas... but it sure makes me angry
> that someone would do such an inconsiderate, stupid stunt. (assuming, of
> course that the explanation is correct.) May just write a complaint to
> ARRL/QST, and others should, too.
>

Hi Seab,

It was very likely that 3C0R group.

But they will not be there long, for whatever that is worth.

They may have a WEB site and that would be a good place to post
your feelings.

While I understand that they are having lots of problems and
nothing seems to be going quite right for them, I still don't
think anyone likes to see a pile get that big. And that Island

is not that rare.....there was a major expedition there just a few years ago.

I worked them at about 14036. The poor operator that is doing the CW work doesn't seem to be able to handle the pile up for some reason. If you listen to him, he is only getting one and sometimes two stations per minute! I think he is just spinning the dial to try and find someone in the open (meaning above the background QRM!) and working that station with no regard to the freq.

However, let me say this....and say it very loudly! I am NOT in his shoes and don't know just what all he is up against. Their goal (and rightly so) is to give out as many QSOs as they can. Spreading out that far may be the only way he can work toward this goal.

And notice that I'm not saying that I could do any better!

Just think about this.....a FOX pileup of thousands upon thousands of stations from all over the world, all wanting your pelt!

You have spent \$10,000 to \$50,000 of your hard earnd money paying your part of the trip plus seeing the other \$300,000 to \$600,000 get spent of the donated budget.....

You have X number of days to get the equipment on the air no matter what the seals, crabs, birds and etc say. Having some of the equipment break isn't going to give you a second chance. You just have to make due because you have promissed all these people that you would get there and do the very best you can to get them all into the log.

Now you hear a station that you can copy who is just a tad higher than the pack and you work him. Next you hear another just a tad higher than the first and you work him....repeat that a few hundred times! And with enough stations the whole area is soon just one S9 buzz and there went all the other QSO's on the band!

Right? NO!

Nice? NO!

Will it happen again? You bet!

This "problem" has been around since I started in 1953. DX

stations would call and all the others would call on whatever frequencies they had xtals for and the DX station tuned!

Often there was lots of QRM and hard feelings.

I think the QRM factor is much worse now but the basic problem is still about the same.

As long as people enjoy the DX chase these things will happen.

Contests do the same thing, only worse! I have even heard QRPers "stomp" on QSO's while calling CQ TEST!

QRM is just a fact of ham life on the DX bands.

Wait until 10m really opens.....you will get QRMed and never even hear it! You will often hear a QSO and someone will send QRL over it with no response and call CQ! 20 minutes later there are 2 QSOs on the same freq and the condx change. Now everyone is QRming everyone else and calling each other lids!

Anyway, for the couple of hours they clober up the band there really isn't much that can be done if you don't like joining the battle!

While many think that life is too short for QRP and others think it's too short for QRO, I think it too short to get too upset over something like that!

That is a super time to check out the WARC bands!

OK, back in my hole....

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 20 Sep 1999 19:51:13 -0800
From: Patrick Scannell <ppdlg@gci.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50880] Help for a Newbie with a Pixie

Message-ID: <37E700B1.A6A43E92@gci.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm helping my kids assemble our first qrp project - a couple of Pixie2 Tranceivers from H.S.C.

This is for a demo in a school gym. Any suggestions for a small, antenna for 80 meters? This antenna is not for dx; just something simple that will tune to 3.7 Mhz (at least that is the crystal freq.) and can transmit to the other pixie accross the room.

73, Patrick -al0q

Date: Mon, 20 Sep 1999 21:36:41 -0700
From: "Kory Hamzeh" <kory@avatar.com>
To: <qrp-1@lehigh.edu>
Subject: [50881] First DSW-40 contact
Message-ID: <003a01bf03ea\$e6d4ce80\$14ce21c7@tomcat.avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For my first DSW-40 contact, Chuck K7Q0 returned my CQ from his new QTH in AZ. I was very excited, this was the first time I've worked Chuck. I've been off of the air for a while building the DSW-40, ZM-2, and K-2, that I was very rusty. He gave me a 599 to my two 2 watts and a window up 45 feet. Lots of QSB and then QRM towards the end.

What a great radio!

73,
Kory
AC6RN

Date: Mon, 20 Sep 1999 22:37:38 -0600
From: Neil Klagge <w0yse@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [50882] QRP Afield from NE Utah

Message-ID: <19990920.223739.-308527.0.w0yse@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Gang,

My thanks to Dave, NN1G, and all of you who participated. This contest comes during my favorite time of year to be up on the mountains. I found a beautiful spot on top of a 9000 ft mountain. The aspens were just turning golden and the WX was fantastic. I'd like to go back up there again this weekend, but I dont think the xyl would appreciate me doing this again so soon.

Got 48 Q's, 22 spc's on 15, 20, and 40 meters for a total of 8448 points.

Used my DX77 at 5w on a car battery that was fully charged by solar panel before leaving home. This ought to qualify as a multiplier for natural power, dontcha think?

Grant, sorry I miss copied your AE6TT call (twice). Perhaps I could have copied K7GT easier. I Dunno....

KL7H, sure glad to be heard in AK land. Thanks for the contact.

I gotta make bigger plans for next QRP Afield. Beats field day for me.

72's

Neil, w0yse

PS. I was near Monte Cristo peak, for those who know the Huntsville (Utah) area.

Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 20 Sep 1999 23:48:20 -0500

From: Jeff Logullo <logullo@mindspring.com>

To: qrp-l@lehigh.edu

Cc: k5xu@concentric.net

Subject: [50883] Re: Antenna Article from CQ

Message-ID: <37E70E0D.B3BEC5FF@mindspring.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I have a book titled "Easy-Up Antennas for Radio Listeners and Hams", by Edward M. Noll, published by Howard W. Sams & Co.

TONS of antenna designs and ideas; one common thread is the extensive use of PVC pipe to support wire verticals, loops, dipoles, etc. Plans for loading coils wound on PVC as well. Handy charts for dimensions for elements of various fractions of wavelengths for common ham (and SWL) frequencies.

My first ham antenna from my Novice days was a 15 meter wire vertical--the design was from this book. I still find myself referring to it to this day.

Just in case you can't find the CQ article; maybe you can find this book.

Date: Tue, 21 Sep 1999 00:45:17 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <aa5tb@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [50884] Re: QRP Afield is a bust, but trip is great for AB0GO
Message-ID: <00e701bf03f4\$8409c6c0\$99e498cd@spock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Steve Yates, AA5TB <aa5tb@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, September 19, 1999 10:29 PM
Subject: Re: QRP Afield is a bust, but trip is great for AB0GO

Hi Steve,

>I would gladly trade my QSO's from my garage to your "zero, nada, none,
>zilch qso's" and a hike up the mountains! I make it to the mountains about
>one a decade if I'm lucky.

I'd gladly trade, too! Haven't been out and about in the mountains for a while now, and it's "really" starting to get to me. Love to fly fish, hike, and go rafting in Gunnison, CO. Used to go to

Silverton and up to Telluride in the 70's, but I hear everyone and their Grandmother found out about those gems and have invaded the region in droves and shot the prices up beyond comprehension. Wondering if Gunnison is still pristine?

BTW, a great book for my fellow QRP brothers and backpackers is "Tom Brown's Guide To Wilderness Survival." Has a bunch of info in there that really helps you out in the field, even if you have tons of equipment, a GPS or two, and a full canteen. He teaches you how to track animals, what plants what, how to set up a camp and build a fire properly, etc. Great read, and worth every dime. Don't have the ISBN in front of me, but I'll send it to anyone that asks. He also put out a book on animal tracking and wildlife observation, and has some great tips on how to get up close to wildlife and not scare them off by making too much noise. Should also be great info on how to photograph wildlife, too!

Anywho, one of these days I'm going to make it back out and operate AB5NI/0/QRPp/Portable Leantoo in Gunnison and see what gives :^). Hopefully, might even run up on a fellow QRP person that smells better than I do to the wild bear that's chasing me :^).

72/73,

Randy Jouett, AB5NI

Date: Mon, 20 Sep 1999 22:47:40 -0700
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: qrp-l@lehigh.edu
Subject: [50885] I'm Moving...
Message-ID: <19990920224740.A20485@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I will need to unsubscribe from QRP-L, as I will be moving shortly. I will try the usual methods of unsubscription first, and if that doesn't work, I'll ask for further assistance here (assuming I still have an internet connection. :-)).

Thanks.

=====

KC5TJA/6 | -| TEAM DOLPHIN |-
DM13 | Samuel A. Falvo II
QRP-L #1447 | http://www.dolphin.openprojects.net
Oceanside, CA |.....

Date: Mon, 20 Sep 1999 23:14:24 PDT
From: "Richard Knowles" <rgk_w8jnd@hotmail.com>
To: QRP-L@LEHIGH.EDU
Subject: [50886] TEST message
Message-ID: <19990921061424.84799.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

This is a test. Please ignore. Dick, W8JND

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 21 Sep 1999 02:47:18 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <ae2t@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [50887] Re: Homebrewers
Message-ID: <016801bf0405\$8e1631b0\$99e498cd@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Al Gritzmacher <ae2t@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, September 19, 1999 3:46 PM
Subject: Re: Homebrewers

Hi Al/Gang,

>> 7. His other children are named Central Processing Unit,
>> as a name play on Frank Zappa's child Moon Unit Zappa,
>> and his other child is name AC/DC, after the band
>> and physical laws.

>Don't laugh, my first two kids initials are AM and FM, respectively,
>an unintentional choice first pointed out to us by the Doctor in the
>delivery room after he asked what we were naming #2.

Hmmm. Maybe if you and your wife find the time, we
might see CW and SSB arrive in the the Gritzmacher
household? :^). If your wife won't go for that, how about
"Hammond (Ham And)" Gritzmacher? :^). The "HAM" in
Hammond would be pretty cool for amateur radio, too! :^)
Couldn't resist that one, and just pickin', Al! :^) :^).

72/73,

Randy Jouett, AB5NI

Date: Tue, 21 Sep 1999 04:59:49 -0400
From: neil tanner <ntan@crosslink.net>
To: qrp list <qrp-l@lehigh.edu>
Subject: [50888] re: solar panels
Message-ID: <37E74905.B3828C9A@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings all-

There was a few postings a couple of weeks ago about \$20 solar panels.
I didn't bother reading much about it because the panel I was using for
my gel-cel was working fine...until Sunday!! Its true what they say
about hooking it up wrong....so, are they still available and what are
the specs...tnx es 72

Neil WA4CHQrp

Date: Tue, 21 Sep 1999 02:10:09 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50889] Mods and Milliwatting
Message-ID: <37E73D61.7C94@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Where are the mods(if any) for the DSW and SW rigs? I would like to put a pot on the back of each rig to vary the PWR output. I'm thinking that milliwatting would be fun!

Oh, and BTW....You have my vote on having a milliwatt contest.

Been having my best luck using 30 meters as a milliwatting band. Have had numerous Q's using 50 to 100mw's.

72, Tom WB5QYT...."Have spud will travel!"

Date: Tue, 21 Sep 1999 05:18:06 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Richard Arland <r_arland@hotmail.com>
Cc: qrp-1@Lehigh.EDU
Subject: [50890] Re: Murphy Visits N4BP
Message-ID: <Pine.3.89.9909210500.E4526-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 20 Sep 1999, Richard Arland wrote:

>
> Only kidding, Bob. Sounds like you had some "fun". Think of it as a learning
> experience!
Actually, it was an early warmup for Field Day. Setup will be the same
next June. This K2 and trap vertical are going to do just fine. :-)
>
> 73 es nice to wk you.
Same here!

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Tue, 21 Sep 1999 08:10:34 -0400
From: "Harry Hurst" <hhurst@delaware.infi.net>
To: <nkennedy@cswnet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [50893] RE: QRP-A a Great Event! (long)
Message-ID: <000b01bf042a\$4e782f20\$2b30fcd1@upstairs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Every rig that gets turned down to 5 watts means less QRM. Let's encourage it, not worry about how it's not fair. If someone feels they need a \$4000 radio to be heard, let 'em use it. That FT-1000D should be able to pick you out of the noise next contest!

I think it's great that I can operate my little \$100 radio on the same bands as the high-priced rice boxes! (& Ten Tecs). Some of these big boys will even work me on occasion!

> -----Original Message-----

> From: S LYON <sslyon@worldnet.att.net>

>

> > Got kinda discouraged by bullying by horde of

> >(perceived) "FT-1000-D @ '5W' to 3-el beam at 150' " -ers.

Date: Tue, 21 Sep 1999 08:43:37 -0400 (EDT)

From: Bob Patten <n4bp@bc.seflin.org>

To: Harry Hurst <hhurst@delaware.infi.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [50894] RE: QRP-A a Great Event! (long)

Message-ID: <Pine.3.89.9909210824.A28803-0100000@bc.seflin.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 21 Sep 1999, Harry Hurst wrote:

>

> Every rig that gets turned down to 5 watts means less QRM. Let's encourage
> it, not worry about how it's not fair. If someone feels they need a \$4000
> radio to be heard, let 'em use it. That FT-1000D should be able to pick you
A \$4000 radio running 5W on CW will not sound an iota different than an
\$85 SST... As far as the reverse, isn't it to YOUR advantage to be
copied if it does take a better receiver at the other end?
\$100 radios are unfair! :-)

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Tue, 21 Sep 1999 13:44:39 +0100
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [50895] Re: Portable Operation
Message-ID: <013f01bf042f\$2740dec0\$81ea5cc3@prsat0x1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Maybe slightly off topic, but there is lots of 'backpacker's info' on my web site.

Cheers

Frank G3YCC
QRP web page <http://www.karoo.co.uk/g3ycc/>

----- Original Message -----

From: Bruce Muscolino <w6toy@erols.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, September 20, 1999 6:04 PM
Subject: Portable Operation

> Gang,
>
> Please humor me here. We have just finished a QRP Afield event and I
> would like some information. From the myriad of postings I see you have
> worked everywhere from backyard to eback. Many of you operated from
> favored field day sites. Some of these sites were public and some were
> private. Now, here is what I want to know.
>
> Did any of you get permission to operate from the site you chose?
>
> Was it in writing or verbal?
>
> How many of you had other non-ham types in the vicinity of where you
> were set up?
>
> How did you erect your antennas? (ie.e, did you use slingshots or spuc
> guns, etc)
>

> If you can't tell yet, there is an article planned on this topic, your
> input would be greatly appreciated. It would probably be useful too.
> Private email is the preferred approach. I will summarize to the list.
>
> Thanks, and 73
>

Date: Tue, 21 Sep 1999 07:00:11 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: ppdlg@gci.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50896] Re: Help for a Newbie with a Pixie
Message-ID: <37E7815B.26F8E28C@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Patrick Scannell wrote:

> I'm helping my kids assemble our first qrp project - a couple of Pixie2
> Tranceivers from H.S.C.

Pat

I will be doing the same thing next year in our club. Our Pixie's will be a modified version complete with key, improved receiver, and a sidetone oscillator. It will be built up in a similar manner to the Elmeradio AM regen I have been working on.

> This is for a demo in a school gym. Any suggestions for a small,
> antenna for 80 meters? This antenna is not for dx; just something
> simple that will tune to 3.7 Mhz (at least that is the crystal freq.)
> and can transmit to the other pixie across the room.

I am looking for Exactly the same thing. I want the kids to be able to contact one another over short distances. This will give them a chance to practice their code skills, and build up some confidence before going "global".

I have found one possibility, a small loop at
<http://sm0vpo.8m.com/antennas/frameant.htm>. Check it out, and tell me what you think.

Bruce kk7zz

Date: Tue, 21 Sep 1999 08:29:01 -0500
From: Tim Ahrens <tahrens@hilconet.com>
To: qrp-1@lehigh.edu
Subject: [50897] 60 years!
Message-ID: <37E7881D.E7E33EA7@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anybody notice who got a 60 year pin from ARRL? ;-)

(October QST)

cu

Tim W5FN

Date: Tue, 21 Sep 1999 06:57:21 -0700 (PDT)
From: Jim Durkin <jimdurkin@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [50898] Morse Code tapes
Message-ID: <19990921135721.16480.rocketmail@web302.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Is there a place to buy code tapes in the 20 to 30 wpm
range? Looking for plain text.

Thanks,
Jim kt4a.

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Tue, 21 Sep 1999 09:00:23 -0500
From: "Bob Reynolds" <breynold@sigg.com>
To: <kizerian@ced.utah.edu>, <qrp-1@Lehigh.EDU>

Subject: [50899] Re: Help for a Newbie with a Pixie -Reply
Message-ID: <99Sep21.090110cdt.155012@firewall.sigg.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

>small antenna for 80 meters? This >antenna is not for dx; just something
> simple ... and can transmit to the other >pixie accross the room.

I have used an HW-8 with the Heath issued dummy load for it, and a #47 =
pilot lamp wo work a couple testers a mile away several times. Both =
"antennas" produced 599 - standard contest reports. Should work in a gym.

73, Red K5VOL.

Date: Tue, 21 Sep 1999 10:03:35 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: tahrens@hilconet.com
Cc: qrp-1@lehigh.edu
Subject: [50900] Re: 60 years!
Message-ID: <v03102802b40d3fde6765@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Anybody notice who got a 60 year pin from ARRL? ;-)

Good ole Wayne Green, W2NSD. Kinda hard to believe, isn't it?

72,

Rick kf4ar

Date: Tue, 21 Sep 1999 10:15:31 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <rerobins@email.uncc.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50901] RE: 60 years!
Message-ID: <NBBBJDEEIFDDANGEGHLBEENMGPA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Rick... ol' Wayne sure better check the stick-pin for poison! (Forgive me but: get it? Poison Pen?)

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

///snip
>Anybody notice who got a 60 year pin from ARRL? ;-)

Good ole Wayne Green, W2NSD. Kinda hard to believe, isn't it?

///snip

Date: Tue, 21 Sep 1999 08:44:14 -0600
From: jaywa5whn@juno.com
To: qrp-l@lehigh.edu
Subject: [50902] QRP AField prediction
Message-ID: <19990921.084419.-436167.2.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

<http://waterw.com/~ncj/aa5b.htm>

I would bet Bruce, AA5B takes top honors for the "QRP AField" event. We have a contest ringer amongst us. ;-)

Thanks Dave, NN1G for putting up with all of us.

72...Jay, WA5WHN DM65qd

Albuquerque, NM USA

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 21 Sep 1999 09:54:57 -0700
From: "Jerry Bartachek" <jbartac@max.state.ia.us>

To: akanis@divis17.ped-gen.uiowa.edu
Cc: qrp-1@Lehigh.EDU
Subject: [50903] RE: Twinlead Hardware
Message-ID: <37E7B861.7B9C@max.state.ia.us>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dear Adam,

Glad to help with your inquiry. I have a HB 21 foot vertical GP on the roof, and I have a chunk of PVC as a Sleeve over it to insulate it from the metal tripod. A few inches of aluminum tubing hangs out the bottom where I attach one of the balanced feed leads. I used to use a stainless steel sheet metal screw and wind a little bit of the copper wire around it and then tighten it to the aluminum tube.

Later I found that soldering on an eyelet-shaped connector and THEN putting in the screw worked better with less corrosion buildup. Then the hole got reamed out with all the screwing in and out, so instead of using a larger diameter sheet metal screw, I drilled the hole clear thru to the other side of the tubing, and installed a machine screw. That dude is REALLY tight now!

I put a flat washer next to the head of the machine screw, so the copper wire goes between the washer and the head of the screw. On the other end, I installed a lack washer under the hex nut. Try to find all stainless hardware. Try True Value Hardware... I'm not connected with them, but they have all the stuff to build great antennas, and I go "window" shopping there just like my wife does at Wal-Mart! :-)

Call me on the telephone soon at 319-653-2691 in Washington, IA only 14 miles from your QTH, and tell me about your new antenna, Adam.

72,

```
  /
|_|/ / | \ | / | \
| \ | | / | | \
|_| \ | \ | / | \
  /
```

Jerry L. Bartachek <><
Washington, IA
IA QRP #10
QRP ARCI #5166

> AK0P wrote:

>

> What types of hardware (screws? clamps? clips?) do people suggest using
> for physically attaching copper twin-lead (windowed line) wires to
> aluminum tubing of a vertical antenna (permanent).

Date: Tue, 21 Sep 1999 10:55:27 -0400 (EDT)
From: Stephan Greene <sgreene@patriot.net>
To: Thaire Bryant <tbry37@ici.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50904] Re: Jamboree on the Air
Message-ID: <Pine.LNX.4.04.9909211047460.15583-100000@tzion.greene.lan>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 21 Sep 1999, Thaire Bryant wrote:

> I'm hosting a group of scouts (including Cubs) at
> my shack for JOTA. Does anyone have suggestions
> for topics and activities? I have a fairly full afternoon
> planned, but would welcome additional input.

We just did a Webelos camporee this past weekend - our pack provided several projects for the Engineer activity pin. The consensus feedback was we had one of the best programs of all the packs because it was all hands-on - build a catapult, build a block and tackle, make a "blueprint". The other centers were mostly "too much like school" (e.g. sit and listen for most of an hour!).

Do the same for JOTA/JOTI - provide some hands-on stuff for the boys and keep it under an hour.

Check with the Den Leaders (Cubs) and Troop leadership for advancement requirements you can help them meet.

For example, requirements for the Webelos "Engineer" activity pin include building a simple circuit (the recommendation is for a light bulb and battery; use a morse key and buzzer and have them send their name in Morse) and seeing how engineers use computers. I need to check the book for my own den to see what other requirements we can meet.

For Scouts, get a copy of the Radio merit badge book and have it handy.

The key is make it as hands-on as possible; if you can arrange for a 2nd op and some HT's, have the boys split into a group in the shack and a group outside and have a few QSOs between them on a simplex FM freq. APRS can also provide a nice active demo, esp. if you can tie-in a live internet feed at the same time..

Hope these ideas help.

73 Steve KA1LM

```
-----  
Stephan A. Greene                                sgreene@patriot.net  
Senior Systems Specialist, VA Linux Systems      sgreene@valinux.com  
Mid-Atlantic Region                             703-980-3475  
Amateur KA1LM@amsat.org Grid FM18hx            38 59'83.33"N 77 23'6.15"W  
-----
```

```
-----  
Date: Tue, 21 Sep 1999 11:08:44 -0400 (EDT)  
From: Chris Cartwright Sr <ccart@phideaux.com>  
To: Thaire Bryant <tbry37@ici.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [50905] Re: Jamboree on the Air  
Message-ID: <Pine.LNX.4.04.9909211105260.5714-1000000@dns.phideaux.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII
```

On Tue, 21 Sep 1999, Thaire Bryant wrote:

>
> I'm hosting a group of scouts (including Cubs) at
> my shack for JOTA. Does anyone have suggestions

Thaire,

I used to be a leader for cubs/webelos and they *ALWAYS* liked to have something to take apart. Sometimes it was an old broken lawn mower, or a hair dryer, or other small appliance. The best was the two old rotary phones I had. I let them take them apart, explained the "guts" to 'em, then made them put them back together. Then we hooked up the batteries and made them work! Most of the "projects" were for demonstration and discussion and never went back in working order. Find some old "junk" (radio related would be good but not a priority) and give 'em some tools and a little guidance, then explain what does what at a basic level, and you'll have their attention. It'll keep them from climbing the walls. I can speak authoritatively on attention span, as the father of three boys, one girl, and one due in December :)

72 es gl!

```
-- Chris Cartwright,   Technical Engineer |      ccart@phideaux.com      --  
-- N3XRV      ARRL-VE   Norcal Zombie #163 |      Gaithersburg, MD FM19je      --
```

-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Tue, 21 Sep 1999 08:09:45 PDT
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [50906] MC1350P
Message-ID: <19990921150945.24889.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I picked up a few of these chips the other day from DebCo
(http://www.debco.com/db_online/index.html), which has them for \$0.75 ea.,
BTW. Any thoughts on these chips and/or ideas about optimal AGC operation?

Brad

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 21 Sep 1999 11:18:48 -0400
From: "Ken Simpson" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [50907] TenTec 580 Delta FS
Message-ID: <044f01bf0444\$9b9feda0\$af5cfea9@kensimps>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale:

TenTec 580 Delta HF transceiver. Covers 160 through 10 meters.
This one has the optional xtals to cover the WARC bands as well.
CW and SSB audio filters built in. Digital readout. Legendary
TenTec QSK on CW. Manual included. Can produce 100 W, but
can also be turned down for QRP operation.

TenTec has one on their list, used, for \$475. You can have this one
for \$375, plus shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-Mail to W8EK@fdt.net or W8EK@juno.com
Voice Phone (352) 732-8400

Date: Tue, 21 Sep 1999 11:26:57 EDT
From: charles k brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [50908] Solar Panels/Electronic Goldmine
Message-ID: <19990921.152516.2671.2.n4so@juno.com>

Solar panels, etc.

The Electronic Goldmine
P O Box 5408
Scottsdale, AZ 85261
1-800-445-0697

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 21 Sep 1999 10:26:50 -0500
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-1@lehigh.EDU>, <GElam30092@aol.com>
Subject: [50909] Re: K2 and Russellville, QRP, Steaks, tonight!!!!
Message-ID: <001f01bf0445\$ba850ec0\$489b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Exactly back at you Gerry,

I was at a local club meeting last night and was promoting QRP all the way. There was a buzz about with the non-QRPers because some had received a sample copy of World Radio. In it was a article about the VE3DNL Marker/Generator by Rich Fisher. They saw the VE3DNL M/G was being kitted by the Fort Smith QRP Group they flipped out. Even though I've talk a million times about what is going on, Rich's article hit them square between the eyes. I've not received my issue yet, but I did get to look at the article by Mr. Fisher. Boy, what a nice piece and talk about getting fired up. With the contest last weekend and neat stuff like this dropping in your lap, you would have to be dead not to be pump up.

Tonight KK5KU, Kelsey and myself will be in Russellville, AR. to do a QRP demo at their local club. Russellville is about 1.5 hours away from Fort Smith. I will have the current "most bank for the buck rigs". Up to bat to night is the DSW, RH/NC-20, and the K2. Kelsey will have the old "most bang for the buck rigs" so we won't leave anyone out. A lot of guys are on the list so I hope to see you there to night. Bring your projects out to share with the group (don't you just hate those closet QRPers). Oh, the meeting is at the Sizzler 7:00 and the local repeater is on 146.82 if you get lost.

You've just got-to love this thing called QRP!!!!

73 de w5jay..

>

>Exactly.... if you have a ham radio class being conducted in your area, give

>the instructor a call and ask if you can have half an hour to talk about QRP.

> While the k2 isn't exactly inexpensive for a beginner, there's a ton of

>value there. Gather up some of your equipment and take it to the class.

>Seems like I ran across a PowerPoint file on QRP (Norcal site maybe?).

>

>Between showing off the equipment that just about anyone can build, the

>general price points of it, the challenge of QRP and the benefits, you'll

>attract more folks to the hobby.

>

>Imagine being a new person and someone walks in with a DSW or a K2, a OHR

>wattmeter, a ZM-2 and a small key and tells you that the stuff is very

>affordable, easy to build and will get you on the air! You'll quickly make

>the point that it doesn't have to be difficult or expensive!

>

>Cheers,

>Gerry

>PHX AZ

>

Date: Tue, 21 Sep 1999 11:29:55 EDT
From: Macstein@aol.com
To: brian@iquest.net, goodroe@worldnet.att.net, kf4dfz@juno.com, sdcohen@gte.net, w2xn@arrl.net, mikemo@ibm.net, qrp-l@lehigh.edu
Cc: mcherry@calweb.com, w4stx@gte.net, rengelwb8uoj@juno.com, pwomble1@tampabay.rr.com, mitch96@pobox.com, russo@swcp.com, kf4rrm@brandons.net, rkeener@realtime.net, k4law@arrl.net
Subject: [50910] KF4KSM now AF4PS
Message-ID: <4ffcb48f.2518fe73@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Ok...there it is! How am I going to like ending in "S".... hummmm.

-MAC-
AF4PS

Date: Tue, 21 Sep 1999 08:43:09 -0700
From: Eric Swartz WA6HHQ - Elecraft <erics@elecraft.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [50911] K2 business
Message-ID: <37E7A78D.2127E8A6@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

Thanks for all the support of our slightly 'crazy' adventure (as my wife keeps reminding me..)

Both Wayne and I work full time on Elecraft. We're not coining money 'hand over fist' yet, but we are in the positive column and we're actually paying ourselves. (Though I suspect it is well below minimum wage if you take into account the hours we have put into it over the past two years..) We actually have employees too!

Starting a new company is not for the faint of heart. Long hours without pay

at the beginning, capital requirements that will make your banker cringe, and enough stress to make you lose your hair (see our Field Day picture on the Elecraft web page) make this an 'interesting' experience. Happily, when it all comes together the rewards more than compensate for the up front work. We can't express how exciting it was when the first builders put their K2s on the air and started posting to QRP-L and the Elecraft reflector with their experiences.

The first requirement of any company that wishes to survive in the long run is to make enough profit to both make a living for its owners, and to fund the further development of new and hopefully exciting products. (Thanks to your support we're succeeding on both fronts.) It needs to make enough to pay its employees, office rent, telephone bill, insurance, buy office computers, stock replacement parts, travel to hamfests, pay for its Dayton booth, print data sheets, pay corporate taxes, pay its bookkeeper / CPA and run ads in QST. Whew! Every day is a new experience.

Wayne and I started Elecraft with the intent to re-create the fun and enthusiasm we experienced building Heathkits when we were first hams 27 years ago. That sense of wonder at actually building something, fixing it, and learning about it has been what has sustained our interest in electronics and ham radio over these years. The 'I can't believe I actually built this!' feeling remains with us today. For us that's part of what Ham Radio is all about.

We want Elecraft to be the 'Heath' of the next 10 (or more) years. In order to do that we need to be both profitable and more than a single product company. The K2 is only our opening shot. Stay tuned for more!

We plan to be around for some time.

73, Eric WA6HHQ
<http://www.elecraft.com>

Date: Tue, 21 Sep 1999 08:50:41 -0700
From: Casey Ray <clray@usc.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50912] Pixie II
Message-ID: <37E7A951.66E0087C@usc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

I was hoping someone could help me. I am looking for the value of the

inductor (L3) to put the Pixie II on 10 meters.

Thanks for the bandwidth.

73 de Casey
AD6DI

Date: Tue, 21 Sep 1999 11:48:43 -0400
From: aa5yx@juno.com
To: QRP-L@lehigh.edu
Subject: [50913] FS: Norcal 20
Message-ID: <19990921.114844.11646.0.aa5yx@juno.com>

Excellent condition, aligned by Dave Fifield. Case is original, unfinished. Owner's manual included. \$100.00 plus \$5.00 shipping in US only.

Out with the old, in with the new - making room for a DSW-20!

John Harper AA5YX/2
HW-9, OHR-100A/20m, NC40A, SST/40, SST/30, NC20
YashicaMat 124G Info Page: <http://home.att.net/~j..harper>

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Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 21 Sep 1999 11:56:00 EDT
From: Dean W Manley <kh6b@juno.com>
To: qrp-l@Lehigh.EDU
Cc: kh6b@juno.com
Subject: [50914] Re: Help for a Newbie with a Pixie
Message-ID: <19990921.055359.5391.0.kh6b@juno.com>

Hi Patrick,

For "just across the room" Pixie 2 demo,
I suggest 50-ohm dummy loads. Parallel
two 100-ohm resistors work very well.
If not enough signal, just attach a 2 to
3 foot wire or test lead to the "hot" side
of the dummy load.

Aloha and GL,

Dean KH6B

Hilo Hawaii

>This is for a demo in a school gym. Any suggestions for a small, antenna for 80 meters? This antenna is not for dx; just something simple that will tune to 3.7 Mhz (at least that is the crystal freq.) and can transmit to the other pixie accross the room.

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 21 Sep 1999 11:14:19 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: boice@bigfoot.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50915] Re: Searching the archives for coax as balanced feeder?
Message-ID: <37E7AEDB.61D8FD4C@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

No, Mike, "earth ground" has nothing to do with it.

What you are seeking is to place the overall shields of the coaxes at the same potential as the common return point on the tuner - commonly thought of as "station ground." This provides electrostatic shielding of the coax lines - sometimes called "Faraday shielding." The coax from the tuner to the rig will have its shield connected to this same point: the tuner chassis or common.

It is very sad that "ground" was ever thought up to be used as a term for "common" or "return". In almost all instances, connecting the "station ground" to "earth ground" by whatever means for r-f purposes is not only unnecessary but almost always introduces problems. For purposes of a-c power safety and lightning diversion (to an extent anyway - this is a different and much more complex topic), an earth ground connection is desirable. But, for r-f purposes - almost always, no.

There are instances in which it is important to place the station ground at or near zero r-f potential, but this is very difficult to accomplish with just any simple conductor to an "earth ground." A driven ground can

be used usually with good success by connecting a 1/4 wave wire to the station ground and laying it out on a straight line inside the shack or wherever with the far end floating but insulated. It picks up r-f from the antenna and since the "far end" is floating, the shack end connected to the station ground is driven to near zero potential. Effectively, then, the station equipment is "grounded."

Another approach is embodied in the MFJ Artificial Ground product that provides a series resonant circuit to make a physical conductor of arbitrary length to an earth ground a very low impedance connection. Has to be tuned for the operating band/frequency. Works well but costs a lot more than a piece of wire.

Sorry to get up on the soapbox, but grounding is such a misunderstood topic that I get excited at times! ;^)

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 54th year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

The Boices wrote:

>
> At 17:53 99/09/20 -0500, George T. Baker wrote:
> >One important added point: "ground" the coax braids to the tuner but
> >leave them floating - but tied together - at the other end.
>
> This is a common point to several of the posts. What if I use a ZM-1
> without an earth ground? I take it an earth ground is highly recommended,
> then?

Date: Tue, 21 Sep 1999 12:35:37 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Patrick Scannell <ppdlg@gci.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50916] Re: Help for a Newbie with a Pixie
Message-ID: <Pine.OSF.3.95.990921123339.19776A-100000@saturn1.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 20 Sep 1999, Patrick Scannell wrote:

> This is for a demo in a school gym. Any suggestions for a small,

> antenna for 80 meters?
> ...simple that will tune to 3.7 Mhz (at least that is the crystal freq.)
> and can transmit to the other pixie accross the room.

A 50 ohm 1 watt resistor will work well on both ends.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Tue, 21 Sep 1999 10:42:52 -0600
From: "Robert Armstrong" <barmstrong@sisna.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [50917] Solder lug source?
Message-ID: <000101bf0450\$5c378360\$e1b4d2d1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone know a source of solder lugs? I need the old-fashioned kind
that mount to a metal chassis.

Bob, N7XJ Utah

Date: Tue, 21 Sep 1999 09:49:00 -0700
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [50918] Re: K2 and Tai'Chi.
Message-ID: <37E7B6FC.B7ADBB49@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good day gang. After boxing up 3 more 10 Mhz precision
oscillators to ship, I had 4 more hours free to work
on the K2. In the middle of all this soldering I
heard a weak signal on 40 meters.

None other than Chuck/K7Q0 from his QTH in Prescott, AZ!
I was QSO #3 from the new qth and look forward to sending
out my qsl card. Chuck mentioned he'd be back on qrp-l
when he finds a ISP provider. Oh, his 1 watt qrp signal
was barely 339 but his NC-40A cut thru the qrn nicely.

Anyway, just a quick update. It has been 24 hours of
work now on the K2 and ALL PARTS are installed! WAHOO!
It is time for the final, all-band TX alignment and I'll
be on the air trying it out. Probably tonight. What fun!

The workbench is very clean with all the parts gone.

Oh, I was asked how high my workbench is. I measured
it last night. It is 3 feet 4 inches.

Who is that, Elton John singing "I'm still standing..."
And lovin' it!

All for now. 72/Ed we6w

--

-Ed AR Millennium Q's=>1200/2000 QRP-L#1068 Old NC#2227
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

Date: Tue, 21 Sep 1999 15:54:55 +0100
From: "George Dobbs" <g3rjv@gqrp.demon.co.uk>
To: <qrp-l@lehigh.edu>
Subject: [50919] SPRAT 100
Message-ID: <000401bf0452\$a1d54040\$151d989e@kcubkvql>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

SPRAT issue 100 is now in the latter stages of printing.

This issues includes:
W4LJD SINE WAVE AUDIO GENERATOR
UNIVERSAL VXO
20M MINI-TRANSMITTER
ACTIVE ANTENNA
AUDIO S METER
RX-20 RECEIVER
FAIL SAFE REGULATOR

CRYSTAL CHECKER
SIMPLE RF SOURCE
DIRECTIONAL COUPLER
CERAMIC RESONATORS FOR VFO'S
AUDIO AMP WITH AGC & S METER
TELESCOPIC ANTENNA DX RECEIVER
OSCILLATOR SPECTRAL PURITY
DRAIN-PIPE SPECIAL
TS-520 ON QRP
COMMUNICATIONS & CONTEST NEWS
NOVICE NEWS
MEMBER'S NEWS
YK2 CONTEST
SPRAT CD ROM
etc, etc.

If you are not a member of the G QRP Club
you will miss out on this special issue.

If you are interesting in joining
send me your full postal address
and I will send you a sample SPRAT and application form

Bill Kelsey, N8ET,
kanga@bright.net
is the G QRP Club US Representative
and subscriptions and re-newals can be done via Bill.

Information about the club and an application form
can also be found on the webpage below.

72/3

George Dobbs G3RJV
g3rjv@gqrp.demon.co.uk
The G QRP Club
[www.gqrp.demon.co.uk]

"It is vain to do with more
what can be done with less"

William of Occum. 1290-1350

Date: Tue, 21 Sep 1999 15:45:49 +0100
From: "George Dobbs" <g3rjv@gqrp.demon.co.uk>
To: <qrp-1@lehigh.edu>
Subject: [50920] CELTICON 2000
Message-ID: <000301bf0452\$a0bf8a80\$151d989e@kcubkvql>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

CELTICON 2000

Several people have asked me about Celticon 200.
Here is the original text advertising the event
With addition notes of interest.

CELTICON 2000

The Millenium QRP Event
September 1 - 2 - 3, 2000
Marino Institute of Education - Dublin

QRP Programme by the G QRP Club
Hosted by the Marino Institute
A Full Programme over Saturday/Sunday 2nd, 3rd September
(Reception and Welcome on Friday Evening)
60 Residential Places available at the Marino Institute
Day Tickets are also available for local attendees
For information about booking please contact:
Sile Boylan, Marino Institute of Education,
Griffith Avenue,
Dublin 9
Tel: +353 [0] 1 8335111.
Fax: +353 [0] 1 8369264
email: sboylan@mie.ie
web: www.mie.ie
(Although the webpage seems in-active at present)

So why not combine a holiday in Ireland with a QRP Convention?

The Marino Institute of Education is set in its own grounds
in the north of Dublin, close to the airport.
It is the Dublin house of the Christian Brothers
with full conference facilities and single & twin accommodation.
There is a frequent bus service from the gates
into the centre of Dublin
ideal for wives and family members
to enjoy Dublin during the QRP events.

The G QRP CLUB, the largest QRP organisation in the world,
will be responsible for the QRP events at CELTICON 200.
This will include a full programme of lectures and workshop sessions.
We hope to attract QRP traders to sell a range of kits and components.
The resident amateur radio station at the Marino Institute
will be available with a special callsign.
Not least of all will be the chance to meet and talk with

other QRP operators and enjoy good company
in the attractive surroundings.

The event is hosted by the Marino Institute
Please address all bookings to them at the address above.

The Director of the Marino Institute is keen QRPer
Brother Donal Leader, EI5IT.

The Marino Institute is part of the former estate of
the first Earl of Charlemont and named after Marino
in Italy for which he had a great affection.
After the economic collapse of Ireland in the 19 Century
the estate was sold to Trinity College and the Dublin Archdiocese
and in 1880 The Christian Brothers established their college
on Marino land.

The college houses the new purpose-built radio station of the
Dublin QRP Club - EI2MIE.

Br. Donal, EI5IT, along with Bill, EI8BC, John, EI6DG,
Ray, EI7AHB, and Ron, EI4AR
with the help of Brother Rory Geoghegan,
the Head of Science at the Marino Insitute,
are the keen team of QRPers in Dublin
who will help run Celticon 2000.

The programme of events will be arranged by the G QRP Club
under George Dobbs, G3RJV
who will ensure that the event includes
ample time for QRP and Irish hospitality
and advice for other family members
on how to enjoy Dublin
when the QRP session are taking place.

With the promise of QRP
...the delights of Dublin and Ireland.
Why not join us in September 2000?

George Dobbs G3RJV
g3rjv@gqrp.demon.co.uk
The G QRP Club
[www.gqrp.demon.co.uk]

"It is vain to do with more
what can be done with less"

William of Occum. 1290-1350

Date: Tue, 21 Sep 1999 12:59:42 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>
To: <barmstrong@sisna.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50921] Re: Solder lug source?
Message-ID: <009d01bf0452\$c6850920\$9001a8c0@mikey.wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Does anyone know a source of solder lugs? I need the old-fashioned
kind
>that mount to a metal chassis.
>
>Bob, N7XJ Utah

You haven't tried Radio Shack???
278-688 5-lug strips 4/\$1.29

Plus all their stuff in the 64-xxx section...

Mike
N1DVJ

Date: Tue, 21 Sep 1999 13:11:57 -0400
From: "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [50922] Capacitive Switch Paddles
Message-ID: <002401bf0454\$6a3cb2b0\$6401020a@lsiindustries.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

Think this inquiry is dejavu (SP?)
I'm looking for the original article (QST I think) that describes
capacitive switch paddles, including schematic. Th one I remember
used Cos IC's with a 9 volt battery that is connected all the time;
no power switch. The paddles were made of PCB material. I tried
to find the article on arrl.org; they just want my money. I built one
of these about 10 years ago (lost it) and thought it woked very well.

Want to try and use it on my K2. Any help is greatly appreciated.

Best 72/2
Dieter WB8QYY
Loveland, Ohio

Date: Tue, 21 Sep 1999 13:14:03 -0400 (EDT)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: David Gauding <david.gauding@bbs.galilei.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50923] Re: QRP Afield - N3XRV (reply)
Message-ID: <Pine.LNX.4.04.9909211301390.5714-1000000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 20 Sep 1999, David Gauding wrote:

> Did note both times you called the signal was on the lowside, almost out of
> my passband, but close enough. I use a 1.8 kHz filter in the Corsair I

Guess I'm gonna have to open 'er up and have a look. Seab was saying that
I was moving around on TX. Guess I'll fire up the IC735 into the dummy
load and see what the HW9 sounds like. I know I like the tone on the low
side (550-650Hz), so that might have soemthing to do with it, thanks for
the heads up.

72

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Tue, 21 Sep 1999 13:53:16 -0000
From: "David Benson" <nn1g@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [50924] QRP Afield- Aw, nuts!
Message-ID: <000501bf0438\$c8aca2e0\$b591173f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

gang-

Thanks for all the logs and reports so far!

The ambiguity over scoring the 'QRP Afield' results is resulting in all kinds of unintended work. This event was meant to be *fun*, as opposed to being an algebra test (which I seem to have failed, incidentally).

In the interest of keeping it simple, I'll plan to summarize the results by QSO total. That's as fair an indication of participation as we can get, and I'll denote the /P stations in the listing. We'll be smarter next year!

72/73- Dave, NN1G

"No experiment is ever a complete failure; it can always serve as an example."

Date: Tue, 21 Sep 1999 14:14:02 -0400
From: "Mike Czuhajewski" <wa8mcq@erols.com>
To: <qrp-1@lehigh.edu>
Cc: "wa8mcq" <wa8mcq@erols.com>, <Hans.0stnell@itn.vxu.se>
Subject: [50925] Re low HW8 power output
Message-ID: <199909211803.0AA08789@xanadu.evi-inc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

SM7TUG said that his newly acquired HW8 had low output on all bands, and wondered if it had bad output network cores on all. Assuming that the unit has not been modified by installing different cores, the answer is no; I'd look elsewhere for the problem.

But if anyone has an HW-8 that has low power on 80 and/or 40M, good on other bands, and cannot improve it by tuning up the rig, you COULD have bad cores in the output networks for those bands.

I stumbled on this one around 1990 or so and reported it in the QRP Quarterly, SPRAT and QST's Hints & Kinks. In the HW8 output networks, they used low permeability ($\mu_i = 40$) ferrites for the cores for 80 and 40M, while the higher bands used powdered irons, probably type 2. Those ferrite cores can, and sometimes do, go bad and result in a decreased output. This comes not only from a shift in inductance due to a change in net permeability, throwing the tuning point out of the network out of the

band, but also from increased losses in the cores. While you could restore some power by reducing the number of turns, the bad cores typically still have increased losses and you won't get full output. The solution is to replace the cores completely.

I posted my items on this to the Articles archives of qrp-l at lehigh.edu. It includes the original article as well as some follow-on experiments I did with deliberately zapping some perfectly good ferrite cores to make them go bad. BTW, powdered irons do NOT go bad like this, and do not cause reduced power in the HW-8 on 20 and 15M. (Actually, as my experiments proved, powdered irons CAN go bad too, but the effect is so subtle that you'd never know it unless you carefully measured a core, zapped it, and then immediately measured it again.)

If the power is bad on all bands, I'd first check the RF voltage at the collector of the final amp with a high frequency scope or an RF probe. If it's somewhere in the region of 18 volts peak or 12 to 13 RMS on the lower 3 bands, or maybe 14 volts peak, 10V RMS on 15M, then things are probably good at that point and all the power isn't getting to the antenna. You'll lose some in the matching networks, but not nearly enough to account for the power level he mentioned on all bands.

If you have significantly lower RF voltage at the collector, you might have a bad final transistor, bad protective zener diode, or something before the final. You could even have something as mundane as a bad solder joint somewhere in the path to the antenna :-)

I've already sent copies of my two articles from the Archives to Hans by private mail. If anyone else is interested, they can check the archives, in the Articles section. The file names are badhw8cores.mcq and zapcores.mcq, using the .mcq extension so I could easily find my own articles in the directory.

73 and queue our pea DE WA8MCQ

Date: Tue, 21 Sep 1999 14:19:11 -0400 (EDT)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50926] November Sweeps @ mW power
Message-ID: <Pine.LNX.4.04.9909211314110.5714-1000000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For the "maybe" QRPper's out there, the November Sweeps are coming up, and this brings out the best ops with the best antennas and skills. This could be a great start on getting Milli-WAS under your belt. I know Jim

and I will be out there hunting with pea-shooters, (even if it is an FT1000D at 20mW:) anyone else? I'm planning on running 25mW's on the Icom 735 as my "high" power, might even wax the twinlead to make the mW's fly off better:) Could there be a mW sub-contest/co-contest to Sweeps?

72

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Tue, 21 Sep 1999 10:55:05 -0700
From: neil <neil@aade.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50927] SPRAT reprints (Whoops wrong price earlier post).
Message-ID: <37E7C679.2F233569@aade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a complete set of the SPRAT reprints offered by Kanga last year for sale.

\$95 post paid.

These are \$100 + postage from Bill at Kanga US. Mine are like brand new so you will probably save about \$20 including postage.

Prefer to sell to qrp-l member but if not, off to ebay next week.

--
Neil
<http://www.aade.com>
<mailto:neil@aade.com>
Almost All Digital Electronics
1412 Elm St. SE
Auburn, WA 98092
253-351-9316

Date: Tue, 21 Sep 1999 13:39:23 -0500
From: Karl.Kanalz@optelinc.com
To: myetsko@insydesw.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [50928] Re: Solder lug source?
Message-ID: <862567F3.00670796.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I think, Mike, he was looking for single lugs, usually with an "internal star" washer-kind of mounting hole.... the ones you used to put under one of the 6-32 screws that held the socket for your 6L6GT crystal oscillator rig.

The mounting lug STRIPS you proposed are ALSO useful, and provide a useful augment to the single-hole lugs he's looking for.

Karl K - W8TIF
McKinney, Texas

"Mike Yetsko" <myetsko@insydesw.com> on 09/21/99 11:59:42 AM

Please respond to myetsko@insydesw.com

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: Re: Solder lug source?

>Does anyone know a source of solder lugs? I need the old-fashioned
kind
>that mount to a metal chassis.
>
>Bob, N7XJ Utah

You haven't tried Radio Shack???
278-688 5-lug strips 4/\$1.29

Plus all their stuff in the 64-xxx section...

Mike
N1DVJ

Date: Tue, 21 Sep 1999 15:04:43 -0400
From: Michael <mike_mhe@compuserve.com>
To: "Lehigh, Messages" <qrp-1@Lehigh.EDU>
Subject: [50929] K5FO Pages, where?
Message-ID: <199909211505_MC2-85BC-472A@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Hello QRPers,

I'm searching with my old bookmark entry for K5FO.

Not here <http://www.qsl.net/k5fo>
and not here <http://users.ticnet.com/k5fo/>

So hw?
Is he still there?

73/72 Mike, DF2OK

-----=
-
DARC-DOK +H23+ G-QRP-Club +9723+ DL-QRP-AG +FM+ (Founding Member)=

-----=
-
AX25-BBS DF2OK @ DB0MAR.#SLH.DEU.EU
eMail mike.mhe@t-online.de
AFU-Homepage <http://home.t-online.de/home/mike.mhe>
QRP-Page http://ourworld.compuserve.com/homepages/mike_mhe/qrp01.htm
W-DL QRP-Test http://ourworld.compuserve.com/homepages/mike_mhe/qrp02.htm
m

Date: Tue, 21 Sep 1999 14:03:19 -0500
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-1@Lehigh.EDU>
Subject: [50930] Re: Electronic solder and Morse Express
Message-ID: <00c901bf0463\$fae420\$489b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,
I made a mistake about where to find the Electronic Silver Solder and made reference that it was available at Morse Express. They carry the "245" no-clean stuff. Sorry for the inconvenience that it may have caused. If you've not checked out Morse Express on the Web, you need to. It's a great place for the QRP'er to shop!!
73 de w5jay..

Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382
--

Date: Tue, 21 Sep 1999 15:10:27 -0400
From: "Rich Clemens" <clemens@wvwc.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50931] TenTec 555 Scout FS
Message-ID: <003f01bf0464\$f7638b40\$1965010a@wvwc.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Like new, all modules plus power supply and desk microphone.
--
clemens@wvwc.edu

304.473.8421

Date: Tue, 21 Sep 1999 14:33:38 -0500
From: "Jay Bromley" <w5jay@alltel.net>
To: <mike_mhe@compuserve.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50932] Re: K5F0 Pages, where?
Message-ID: <00f101bf0468\$34b8cf20\$489b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try searching with his new call K7Q0
73 de w5jay..

-----Original Message-----
From: Michael <mike_mhe@compuserve.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, September 21, 1999 2:09 PM
Subject: K5F0 Pages, where?

Hello QRPers,

I'm searching with my old bookmark entry for K5F0.

Not here <http://www.qsl.net/k5fo>
and not here <http://users.ticnet.com/k5fo/>

So hw?
Is he still there?

73/72 Mike, DF20K

DARC-DOK +H23+ G-QRP-Club +9723+ DL-QRP-AG +FM+ (Founding Member)

AX25-BBS DF20K @ DB0MAR.#SLH.DEU.EU
eMail mike.mhe@t-online.de
AFU-Homepage <http://home.t-online.de/home/mike.mhe>
QRP-Page http://ourworld.compuserve.com/homepages/mike_mhe/qrp01.htm
W-DL QRP-Test http://ourworld.compuserve.com/homepages/mike_mhe/qrp02.htm

Date: Tue, 21 Sep 1999 14:37:49 -0500
From: "Jay Bromley" <w5jay@alltel.net>
To: <mike_mhe@compuserve.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50933] Re: K5F0 Pages, where?
Message-ID: <00f601bf0468\$ca4e4420\$489b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Better yet, try this <http://www.qsl.net/k7qo/>
73 de w5jay..

-----Original Message-----
From: Michael <mike_mhe@compuserve.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, September 21, 1999 2:09 PM
Subject: K5F0 Pages, where?

Hello QRPers,

I'm searching with my old bookmark entry for K5F0.

Not here <http://www.qsl.net/k5fo>
and not here <http://users.ticnet.com/k5fo/>

So hw?
Is he still there?

73/72 Mike, DF20K

DARC-DOK +H23+ G-QRP-Club +9723+ DL-QRP-AG +FM+ (Founding Member)

AX25-BBS DF20K @ DB0MAR.#SLH.DEU.EU
eMail mike.mhe@t-online.de
AFU-Homepage <http://home.t-online.de/home/mike.mhe>
QRP-Page http://ourworld.compuserve.com/homepages/mike_mhe/qrp01.htm
W-DL QRP-Test http://ourworld.compuserve.com/homepages/mike_mhe/qrp02.htm

Date: Tue, 21 Sep 1999 01:33:13 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: k5xu@concentric.net, qrp-1@lehigh.edu
Subject: [50934] Re: Antenna Article from CQ
Message-ID: <37E734B9.2CAF20DF@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There were a couple during that time frame. The single band one which was called " The Irrigator's Special"
A free standing, collapsible, PVC Vertical Antenna by Bruce Auld, NZ5G, April 1992 page 38-41.
There was also a multiband vertical which was done using a center 2 or 3" piece of pvc, with some arms holding various lengths of wire to form the multiband antenna (80-10). this antenna was done by one of the design engineers for B&W antenna products and later became one of their line of amateur antennas. I am still looking for that reference and will post it when found. Hope this info helps.

73
Ray
--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Tue, 21 Sep 1999 15:57:13 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-1@lehigh.edu
Subject: [50935] FCC to crack down on Freebanders
Message-ID: <v03102800b40d91ece61a@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

All these freebanders on 10 meters and bootleg amp dealers better watch out, Riley's hot on their trail.

72,

Rick kf4ar

From: The ARRL Letter, Vol 18, No 37, 17 Sep 1999

FCC SETS SIGHTS ON BEEFED-UP 10-METER ENFORCEMENT

The FCC's Legal Adviser for Enforcement Riley Hollingsworth says hams can expect more rigorous enforcement on 10 meter issues next year. Over the Labor Day weekend, Hollingsworth told visitors to the Shelby Hamfest in North Carolina that the next area of enforcement would be the encroachment of unlicensed individuals into the 10-meter band and a crackdown on illegal RF amplifiers. His announcement drew loud applause from the Shelby crowd. Hollingsworth elaborated on the comments this week in an interview concerning this and other enforcement issues.

"We're coming on to ten months of rejuvenated amateur enforcement now, and two issues are clear--two areas we need to really crank up on next year," Hollingsworth said. "One is the incursion into 10 meters by unlicensed operators--CBers and so forth. The other is sales of illegal equipment on the Internet and at hamfests."

Date: Tue, 21 Sep 1999 15:54:40 -0400
From: aa5yx@juno.com
To: nn1g@earthlink.net
Cc: qrp-1@Lehigh.EDU
Subject: [50936] Re: QRP Afield- Aw, nuts!
Message-ID: <19990921.155502.4446.0.aa5yx@juno.com>

C'mon man, the fun is in the operating, not the algebra. The hell with "points"!

FWIW, I worked 61 stations in 25 states and 3 DXCC countries and operated /P. Had a helluva time doing so. All the rest is irrelevant details as far as I'm concerned.

John Harper AA5YX/2
HW-9, OHR-100A/20m, NC40A, SST/40, SST/30, NC20
YashicaMat 124G Info Page: <http://home.att.net/~j..harper>

On Tue, 21 Sep 1999 13:53:16 -0000 "David Benson" <nn1g@earthlink.net> writes:

>gang-

 This event was meant to be *fun*, as

>opposed to

>being an algebra test (which I seem to have failed, incidentally).

>72/73- Dave, NN1G

Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 21 Sep 1999 16:02:01 -0400

From: Bruce Muscolino <w6toy@erols.com>

To: Karl.Kanalz@optelinc.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [50937] Re: Solder lug source?

Message-ID: <37E7E439.14AE@erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Karl, and guys,

Single hole soldering lugh can also be bought at Radio Shack!

73

Date: Tue, 21 Sep 1999 14:15:42 -0600

From: Bruce Kizerian <kizerian@ced.utah.edu>

To: qrp-1@Lehigh.EDU

Subject: [50938] Of ElmeRadios, PCBs, and QRP(?)...

Message-ID: <37E7E76E.47192377@ced.utah.edu>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

The first run of prototype AM regen boards required a couple of changes. A single-sided PCB even with a healthy groundplane was too sensitive to fingers near the front

panel. The PCB is now double-sided with nothing but groundplane on the panel side. In addition, the TL431 audio amplifier broke into oscillation before the regenerative detector did. An additional small capacitor fixed this. The paddy or Manhattan style of building is a remarkably stable way to build up RF circuits. PCB require more effort, if you want them to work as well. So, all the changes have been made, and the artwork goes to FAR Circuits this afternoon.

There have been some questions regarding whether the ElmeRadio has a place on this list. Let me explain why I think it does. The ElmeRadio AM regen is the first project in what is now a three part educational effort. Kids will build the AM radio first, then a code practice oscillator and key. When they have learned the code and passed their Tech+ or Novice exam they will add additional circuitry to their code practice oscillators and convert them into 80 meter Pixie type transceivers.

I am working hard at trying to get enough AM regen radios ready for a radio building class at JOTA. Graduates of this class will be given a certificate and encouraged to participate in our club's ElmerPixie (code oscillator, key and Pixie) project next year.

I hope this will give the ElmeRadio "on topic" status on this list, because this is the only list I've found that has an abundance of knowledgeable and enthusiastic ham radio hobbyists and homebrewers.

I have appreciated all the help received on this list. All the ElmeRadio information I have will, eventually, be available free to anyone who wishes to help someone learn about electronics and ham radio.

73

Bruce kk7zz

PS If you wonder why you never hear me on the air, at least on HF, it is because ALL my free time has gone into this project. I promised myself when I earned my ticket I would get some young friends on the air with me. I hope this happens, soon. I can't wait much longer.

Date: 21 Sep 1999 16:15:02 -0400
From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
To: wa8mcq@erols.com
Cc: qrp-l;;
Subject: [50939] Re: Re low HW8 power output
Message-ID: <1999Sep21.161502-0400@[130.113.234.7]>

In <199909211803.0AA08789@xanadu.evi-inc.com>, Mike Czuhajewski wrote:
[...] In the HW8 output networks, they
>used low permeability ($\mu = 40$) ferrites for the cores for 80 and 40M,
>while the higher bands used powdered irons, probably type 2. Those ferrite
>cores can, and sometimes do, go bad and result in a decreased output.
[...]

Mike suggested that these ferrite cores should be replaced if you suspect they've gone bad. Good idea if they're discoloured, and probably a good idea if they're cracked.

But if they've been oversaturated, you CAN cure 'em by going thru a de-magnetizing cycle - this should restore ferrites to full health. Here's a few suggestions of how to proceed:

You need a gonzo source of AC current that you can vary down to zero. I'd suggest using a soldering GUN plugged into a variac plugged into the AC line. A soldering gun is a monster step-down transformer that puts very high current thru the tip. Unscrew the tip, thread the core thru one of its legs, and screw the tip back on. Turn the variac up to full with the gun ON. SLOWLY decrease the variac down to zero, with the gun still ON. That's it - disentangle the core from the gun and reinstall back into the radio. You needn't even take the original wire off the core (just see that the ends don't touch anything while de-magnetizing with the gun).

I have verified that there's enough current to *really* saturate any ferrite. Won't do iron powder cores though.

You might be able to de-magnetize ferrite cores with a tape-head demagnetizing tool, or a tape bulk eraser.

Cracked cores can be glued back together if you can ensure that there's no foreign material - that means a REALLY good fit. You need a thin glue like crazy glue or a thin epoxy. You should expect slightly less inductance. High permeability cores glue less successfully since the inevitable air gap significantly reduces inductance. Low permeability ferrites ($\mu > 40$) and iron powdered cores have better success.

Date: Tue, 21 Sep 1999 13:19:26 -0700

From: Ed Loranger <we6w@qsl.net>
To: qrp-1@lehigh.edu
Subject: [50940] Finding Water
Message-ID: <37E7E84E.E0B54E55@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang. This is a motivational post for new builders.
==> Please Delete if you are already Motivated :)

You know, finding a project to build is pretty easy if you keep your mind open. We often erect our own roadblocks with "I don't have any test equipment..." or "who has the time..." etc.

I think having a 'can do' attitude helps considerably.
But "can do" with what?

How about looking at your supplies and seeing these things as half of the project? An old transformer needs some diodes and filtering to be a power supply. That voltmeter needs an RF detection probe. That zener diode needs a chopper circuit and noise amplifier to feed an RF bridge. That antenna needs tuning, "What can I build to tune it?."

I remember NOT having a soldering iron once and used "Match Solder" and a lighter to join wires in my old truck when I was in high school. I finally bought a cheap soldering Iron with little plastic stand from R-S. Eventually I refurbished a discarded Weller back in 1980 and been using it ever since. But I had to collect a lot of wire beforehand -- and that means I'm prepared to solder something -- I've got half the project right here in this ball of wire.

And I've been collecting wire ever since. It seems to be part of every project. If you just look at the wire long enough you'll start getting ideas. Eventually you'll build a spooling device for your wire. And that idea will help with antenna storage and deployment designs!

"If you give a mouse a cookie, he'll want a glass of milk."
I've read that "If you give a mouse a cookie..." book countless times to my children. How many cookies can you find in your ham shack? Soon you'll see the connection and those ideas will come. And you will venture forth, learning

from failures and thriving from successes.

It may be as simple as needing to water the lawn.
If you have a garden hose, soon you'll find the
water spigot -- it's that easy!

You'll drink and your thirst shall be quenched.

Happy homebrewing and kitbuilding to you all.
72/Ed we6w

--

-Ed AR Millennium Q's=>1200/2000 QRP-L#1068 Old NC#2227
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

Date: Tue, 21 Sep 1999 16:24:36 -0400
From: Ken Edwards <ken.edwards@oit.gatech.edu>
To: qrp-l@Lehigh.EDU
Subject: [50941] FS: Tokyo Hy-Power HT-750
Message-ID: <199909212024.QAA09715@oit.gatech.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have an HT-750 available for \$575 (or reasonable offer) shipped. It's in
very good condition with the manual (copy), optional whip antenna, all 3
loading coils, new nicads, leather case, wall charger, and Yaesu speaker mike.
Please drop me a direct e-mail with any questions.
--Ken WA4SQM

Date: Tue, 21 Sep 1999 13:47:08 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <kizerian@ced.utah.edu>
Cc: <qrp-l@lehigh.edu>
Subject: [50942] The Elmeradio Does Belong on the List!!
Message-ID: <01bf0472\$7907cb40\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bruce, I am very excited about your project. It is a regen, and it is a
construction project. I thought it was so neat that I published it in the

Summer issue of QRPP. Of course it belongs on the list. Pay no attention to the list police. Your efforts are appreciated and anticipated on this end. Keep up the good work, and let me know if I can be of assistance. 72, Doug, KI6DS

Date: Tue, 21 Sep 1999 15:51:07 -0500
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-l@Lehigh.EDU>
Subject: [50943] Re: K2 & Russellville, Steaks, QRP, Fun, Tonight!!!!
Message-ID: <013d01bf0473\$07d7da40\$489b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Boy,
I must be losing it. The Russellville QRP Bash is tonight at 7pm and is at
Ryan's Steakhouse. It's on 64 East also known as East Main. Not the Sizzer.
I need a vacation like Pacificon!!
73 de w5jay..

Date: Tue, 21 Sep 1999 15:51:32 -0500
From: Karl.Kanalz@optelinc.com
To: ki6ds@dpol.k12.ca.us
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [50944] Re: The Elmeradio Does Belong on the List!!
Message-ID: <862567F3.00732085.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

You BET it does! (belong on the list, I mean!)

Karl K - W8TIF
McKinney, Texas

ki6ds@dpo1.k12.ca.us (Hendricks, Doug) on 09/21/99 03:47:08 PM

Please respond to ki6ds@dpo1.k12.ca.us

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: The Elmeradio Does Belong on the List!!

Bruce, I am very excited about your project. It is a regen, and it is a construction project. I thought it was so neat that I published it in the Summer issue of QRPp. Of course it belongs on the list. Pay no attention to the list police. Your efforts are appreciated and anticipated on this end. Keep up the good work, and let me know if I can be of assistance.

72,

Doug, KI6DS

Date: Wed, 22 Sep 1999 07:31:30 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50945] Of ElmeRadios, PCBs, and QRP(?)..
Message-ID: <37E7F932.3B889D38@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce Kizerian wrote:

> There have been some questions regarding whether the
> ElmeRadio has a place on this list.

I think it's highly appropriate

> I hope this will give the ElmeRadio "on topic" status on
> this list, because this is the only list I've found that has

> an abundance of knowledgeable and enthusiastic ham radio
> hobbyists and homebrewers.

If the "list" doesn't give it "on topic" status then we're sticking our collective heads in the sand. BTW never forget, many of the "lurkers" on the list are here for educational purposes.

Bruce you are doing a fine thing. You have my whole hearted support.

73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic/>
URL - <http://www.qsl.net/vk2tip/>

Date: Tue, 21 Sep 1999 17:43:50 -0400
From: "Donald Hensley" <rudy@inna.net>
To: <qrp-l@lehigh.edu>
Subject: [50946] Fw: Key restoration
Message-ID: <01bf047a\$647873c0\$826e9fcf@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Tim Patton <hitim@mindspring.com>
To: Donald Hensley <rudy@inna.net>
Date: Thursday, September 16, 1999 11:55 AM
Subject: Fw: Key restoration

>FYI!
>
>----- Original Message -----
>From: Tim Patton <hitim@mindspring.com>
>To: Telegraphy Talk <keyclicks@theporch.com>
>Sent: Thursday, September 16, 1999 11:35 AM
>Subject: Key restoration
>

>
>> Hi: this is some information for all of the key collectors, and groups,
>who
>> read this. I don't care what group you are part of as this information
is
>> strictly for your benefit, if you choose to use it. At times you may
>> receive a key that is a nightmare but you see potential in it. Or, you
>> might be missing a part. And you probably think, "I sure wish I could
>find
>> someone who could repair this or make a part for it."
>>
>> I have been working with Donald Hensley on some project keys that were
way
>> beyond my ability to repair. One key was a total nightmare, and a key
you
>> would not touch. It looked as if it had been in shallow salt water for
70
>> years. In any event, these keys have come back to me after an extended
>> absence, and Donald did an excellent restoration. Actually, it is more
>than
>> excellent, this gentleman is a perfectionist.
>>
>> Donald wrote to me and said that he would be upset, with me, if I did not
>> tell anyone, so here I am telling you. Donald will not take all
>situations.
>> If he does not like what he sees he will tell you straight out, and he
>won't
>> do it. However, if he does take your project, expect beautiful results.
>Of
>> course, you will have to reassemble the key, or other device, when you
>> receive the parts back. An example of what he will do is you might have
a
>> part that is so horrid that if you put it on the device you have, it
would
>> be less than satisfying to you. He will copy that part, and in most, if
>not
>> all, situations, make it better than the original part. Don't give him a
>> pencil sketch of what it looks like, he will not work with you on that.
>> That sort of situation is nothing short of trial and error and he does
not
>> want his time wasted on R&D. If you know of someone who has exactly the
>> part you need fabricated then ask then if you may borrow it. Some of us
>> will do this, I know I have, and one fine gentleman did it for me.
>>
>> If any of you would like to see some of his work, on a older telegraph
>key,
>> please email me and I will send you before and after photographs.
>>

>> So, if you are into preserving items for future generations, and
yourself,
>> of course, contact Donald at your convenience. I think all of you are
>fully
>> aware of Donald, but you are probably not familiar with this facet. Have
>> plenty of photographs and reduce them down to 15Kb, or less, if you can.
>>
>> One final note; if you use Donald's services do not be in a rush to get
>your
>> parts back. Donald has a heavy backlog of his own keys, and if you have
>> ever ordered a Hensley key you know you will receive it, but it will take
>> time, so relax, he will contact you when he is finished. The wait is
>worth
>> it.
>>
>> Donald Hensley can be contacted at rudy@inna.net.
>>
>> Tim Patton
>> K04FG
>>
>
>

Date: Tue, 21 Sep 1999 18:11:54
From: Robert McConnell <rmcconne@lightlink.com>
To: rerobins@email.uncc.edu
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50947] Re: 60 years!
Message-ID: <3.0.6.16.19990921181154.20df6500@pop.lightlink.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Speaking of Wayne, has anyone seen a new issue of "73 Ham Radio" lately? I
can't figure out if he stopped publishing or the local stores just stopped
carrying it.

Bob McConnell
N2SPP

At 10:03 AM 9/21/99 -0400, Richard E. Robinson wrote:
>>Anybody notice who got a 60 year pin from ARRL? ;-)
>
>Good ole Wayne Green, W2NSD. Kinda hard to believe, isn't it?
>
>72,

>
>Rick kf4ar
>
>
>

Date: Tue, 21 Sep 1999 22:29:04 GMT
From: "Richard Arland" <r_arland@hotmail.com>
To: tjarey@home.com, qrp-1@Lehigh.EDU
Subject: [50948] Re: Belated NC-20 contruction
Message-ID: <19990921222904.97271.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Check out your jumpers for the AFA. Carter Cragie, N3AO, had a similar problem. GL

73 Rich K7SZ

>From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
>Reply-To: tjarey@home.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Belated NC-20 contruction
>Date: Mon, 20 Sep 1999 22:07:55 -0400
>

>Okay, I know I'm fit for the Procratinators Club but I've just this week
>started on my original NC-20. Everything was going along swimmingly until
>I finished soldering up stage 10, The AFA. Everything looks right but
>when I hit SW2 to perform the the test I do not hear the AFA in the
>headphones. Anybody got any suggestions where to look first or any prime
>places to put a meter to see why my AFA isn't AFAing???

>
>--

>+++++

>
> T.J. "SKIP" AREY N2EI e-mail tjarey@home.com
>
> Website http://members.home.net/tjarey
>
> Snail Mail: PO Box 236, Beverly, NJ 08010
>
> Specialization is for insects! LAZARUS LONG

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 21 Sep 1999 22:39:46 GMT
From: "Richard Arland" <r_arland@hotmail.com>
To: ki6ds@dpol.k12.ca.us, qrp-l@Lehigh.EDU
Subject: [50949] Re: Qrp Afield Report From KI6DS
Message-ID: <19990921223946.446.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
>then capped it all off by catching K7SZ in PA. Boy Rich, your rig
>sounded sweet. What were you using for a rig and antenna? I laughed as I
>heard Rich running a pileup!! But I got him first call.

Thank you, Douglas.

The rig was a RED HOT NC-20 running at 5 watts output into my TH7DX at 52 ft. Unfortunately, duties called this weekend and I was unable to get out into the Bush to have some QRP camping fun.

I must agree...I worked Terry, KQ5U, who was also using a NC-20 and I must say, that NC-20 is a very nice sounding rig. Mr. Dave did a fine job of engineering on that project.

73 es QSV v. boro.

Rich K7SZ

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 21 Sep 1999 18:40:46 -0400
From: Bob Edwards <w4ed@gis.net>
To: nn1g@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [50950] Re: QRP Afield: Reporting
Message-ID: <37E8096E.6CBC54AE@gis.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```

> -name           Bob Edwards
> -callsign       W4ED
> -category       home
> -number of QSOs 68
> -claimed score   9,856
> -location.      Stone Mtn, GA

```

Had 28 SPCs over Sat & Sun. Had fun & could just imagine some of the other ops at mountain tops, or favorite parks, or just out in the open. IT was a beautiful two days here, near Atlanta. My operation was somewhat limited, but I was able to set up on the deck, out back, and had a very enjoyable time making contacts while gazing into the tall backyard Georgia pines.

Used a K2, 7 Ahr battery, HB TFR paddle, 80m loop, ZM 1+ and TV twin lead.

Sunday morning was cool, first time for a wind breaker since last winter, :)

Thanks to Dave/NN1G and all the campers/p and all the other ops for making this a fun event. Sorry that the scoring got messed up, we'll try to do you better next time Dave.

--

```

              /|
            /  |
  Bob    72/73    | /K2|\
  email, w4ed@amsat.org    | / 21| \
  http://www.qsl.net/w4ed    |/_|/_ _|__\
  nr Atlanta, GA    EM73wt  [ \-----/
~~~~~

```

```

-----
Date: Tue, 21 Sep 1999 16:58:24 -0600
From: "Draper, Bruce L" <draperbl@sandia.gov>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [50951] AA5B Afield, photos & story
Message-ID: <5E4AEFEB3A86D21193710008C7A40A5A023C3979@es05snlnt.sandia.gov>
MIME-Version: 1.0
Content-Type: text/plain;
  charset=iso-8859-1
Content-Transfer-Encoding: 7bit

```

AA5B (AA5Backpack?)
 Single-Op, QRP Afield
 September 18/19, 1999

Conditions, weather, and activity level weren't what I'd hoped for, but any weekend that I can spend backpacking in the mountains is okay with me!

Quick summary:

182 QSOs total.

119 QSOs on Saturday, 63 QSOs on Sunday.

64 S/P/C multipliers.

Final score: 125,440.

I found out about this contest a couple of weeks ago when WB5QYT and K2UT forwarded the announcement. I'd been looking for a chance to use my QRP+ and new DK9SQ mast in a contest, and this was it. Backpacking this time of year in the nearby Sandia Mountains can be spectacular -- the Aspen trees are starting to turn colors, and the crisp Fall mountain air feels great. You can see some photos of the location and station at <http://www.vramp.net/~aa5b> .

I got up very early on Saturday morning and put together a 20/40 fan dipole, but didn't have time to test it. It's simple dipoles, cut to formula, so what could go wrong? Yeah, right. The contest starts at noon here, and I arrived at my campsite at 10:20 lugging 2 backpacks on my shoulders: A frame pack with about 25 pounds of camping gear and food, and a large day pack with about 25 pounds of radio stuff. At 10,500 feet, I was above the layer of morning clouds. The view from this ridge is spectacular: I can see about a hundred miles to the north, west, and south. There is a dense growth of short trees blocking the view to the east, but the mountain falls off quickly in that direction so it's not a problem RF-wise. I had the tent set up by 10:30, and started to assemble the 20/40 dipole. I quickly learned something that's not mentioned on the DK9SQ mast web page: The top 3 or 4 feet of the mast is not usable for holding up the feed point and balun for a dipole -- the top section is pencil-thin material and can't support much. True, it's fiberglass and probably won't break easily, but it bends a LOT! Think of it as a pole vaulter's pole... it bends a lot when there's a good force at the top. But in this case, it was like a sumo wrestler had decided to try the pole vault! I moved the feed point down to the 29-ft level and things looked fine. By 11:05, the clouds had moved up to my level (an erie feeling), and the mast and antennas were up in the air. By 11:25 the station was set up in the tent.

At 11:30, I discovered that I had almost no output power on 20 meters. I suspected high SWR, but had nothing to measure it. 40 (and 15) seemed to work just fine. Luckily, I had brought along a 20-meter wire vertical and extra RG8X, so I installed it and 4 elevated radials in the trees. I had used this gp antenna before in a testing session at the same site: It had worked okay, but never better than a dipole at 20 feet. Must

be something about the rocky "soil", mountain ridge, and trees. Anyway, it loaded up fine and by 11:55 I was ready to roll... just as the clouds evaporated!

Noon, contest time...

The 20m vertical seemed to work fairly well (I worked 4 stations in the first 3 minutes on 20m), but I wanted to hit 15m before it soured. The 15 mtr band never sounded very good out here, but I worked 10 guys in 8 states in the next 20 minutes, then went back to 20m. Then I heard a bang bang bang outside... the mast had collapsed! The telescoping sections are held together with friction fittings, and I guess I hadn't applied enough oomph. Nothing was broken, and I got it back up in just a couple of minutes. A little before 1:00, WB5QYT showed up and let me use his tuner/meter to troubleshoot the bad 20m dipole. In the course of messing around, I found that simply adding about 5 feet of coax allowed the transmitter to see a decent SWR and put out 5 watts. That was great news, because I was sure that a dipole would be better than the ground plane antenna, based on my experiments a couple of months earlier. Switching back and forth for a few minutes confirmed that to be true again this time. The first hour ended with 23 QSOs in the log. Not exactly burning up the bands, but not too bad considering all the problems I'd had.

By 2:00, my hands were getting cold (it was about 50 degrees outside), so I put on a pair of bicycling gloves... the fingertips are cut off, and allowed me write and key pretty well. Yes, I used paper logging and hand-keying (Bencher, iambic) the whole time. Didn't want to carry a laptop and batteries. Tom, WB5QYT, set up his station nearby and made some QSOs too, but decided to leave because he didn't like the looks of a cloud moving in from the west. His instincts were right: By 4:30 I had lightning, thunder, wind, rain, and pellet snow! For almost an hour, I was in the clouds and the noise level on the dipoles was too high to hear any signals, but the vertical was perfectly quiet. Go figure.

Saturday's session ended with 119 QSOs and 51 multipliers.
Score about 48k.
40m: 23 Qs, 13 mulTs.
20m: 69 Qs, 23 mulTs.
15m: 25 Qs, 13 mulTs. N4BP killed me on this band!
10m: 2 Qs, 2 mulTs.

At 6 PM, when the session was over, I ate and put on 2 more

layers of clothes. It was a cold, very windy night on the ridge. Temperatures got down to about 45, and I'm sure the wind gusts were 30 to 40 mph.

The Sunday morning session netted me another 63 QSOs plus 11 new multipliers, and more than doubled my score. I also got plenty of practice sending "/P" several hundred times with my cold fingers! While I think a second session is a great idea (it allows us to work everyone again and with different band condx), maybe it would be better to have everyone on the air at the same time instead of staggered (the session was from 7 to 11 AM *local* time). The east coast guys weren't allowed to work west coast guys for the first 2 or 3 hours; then the west coast guys didn't have anyone left to work for the last couple of hours. Awkward. How about a UTC start time, and maybe a nighttime session next year? Yeah!

Anyway, the winds were getting to be terrible, there were very few people left to work, and it looked like more storm clouds were coming, so I quit an hour early. I had everything packed up within an hour and was back on the trail.

Some other post-contest notes:

1. Yes, I agree that we should spread out on 20 meters. But every time I tried CQing below 14058, I got very few answers. And above 14062 is filled with packet. Gotta go where the action is, 14059-14061.

2. I need a very small low-drain memory keyer. Suggestions?

3. My QRP+ has a big AGC overshoot problem. Strong signals really kick it, and it takes 1 or 2 seconds to recover. Meantime, the rcvr is deaf. Is it just my rig, or is this a known QRP+ problem?

4. Except for the fact that the top section isn't very useful and it weighs a pound more than advertised (hey, that's important when backpacking), the DK9SQ mast is absolutely wonderful. It's a "must-have". Maybe I can talk him into making me a 50 or 60 footer?! The web site is <http://www.qsl.net/dk9sq/> .

5. The Bencher paddle is very heavy. Is there a small, rugged, iambic paddle with a good feel out there?

Congrats to N4BP for another fantastic score. I'll see all of you again next year, I hope.

God, I love this stuff!

-Bruce, AA5B
Albuquerque, NM

Date: Tue, 21 Sep 1999 19:00:31 EDT
From: K2UD@aol.com
To: erics@elecraft.com
Cc: qrp-l@lehigh.edu
Subject: [50952] Re: K2 business
Message-ID: <f752d314.2519680f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Great to hear! Now, when will the K6 (6 meter XCVR) hit the streets?

72

Howard Kraus, K2UD

Date: Tue, 21 Sep 1999 19:12:43 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [50953] Re: 60 years!
Message-ID: <37E810EB.7750FA8@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Robert McConnell wrote:

>

> Speaking of Wayne, has anyone seen a new issue of "73 Ham Radio" lately? I
> can't figure out if he stopped publishing or the local stores just stopped
> carrying it.

Bob,

Can't say if 73 is still around or not, but I've had times in the past

(when I was a subscriber) when it was pretty late.

Dave

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13if
dlh1009@rit.edu

Date: Tue, 21 Sep 1999 18:31:10 CDT
From: George F Franklin <w0av@juno.com>
To: rmcconne@lightlink.com
Cc: qrp-1@Lehigh.EDU
Subject: [50954] Re: 60 years!
Message-ID: <19990921.183525.-72233.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Bob,

I received my current issue of 73 magazine a few days ago.

It sounds like Wayne is alive and well, although the magazine seems to get thinner each issue.

73 does contain some interesting articles, just not enough of them, in IMHO.

72/73 de George/W0AV

Date: Tue, 21 Sep 1999 18:33:34 CDT
From: George F Franklin <w0av@juno.com>
To: tjarey@home.com
Cc: qrp-1@Lehigh.EDU
Subject: [50955] Re: Belated NC-20 contruction
Message-ID: <19990921.183525.-72233.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Skip,

Make sure that the 100 KHz xtal is oscillating.

The 100 KHz xtals supplied with the NC20 were notoriously unreliable. I lost mine a few days after I fired up my NC20 and a local ham buddy lost two of them in a row.

You can get a high quality replacement xtal from Red Hot Radio for under two bux.

Also, of course, be sure that your VFO is operating in the correct frequency band, otherwise the AFA will not function.

72/73/good luck,

de George/W0AV

Date: Tue, 21 Sep 1999 19:56:12 EDT
From: J38AL@aol.com
To: qrp-1@lehigh.edu
Subject: [50956] Re: How do I change email address?? Thanks
Message-ID: <5a362b83.2519751c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Thanks for the many replies. I will be changing to n2zhs@aol.com soon.

72, Al N2ZHS
Scotia, NY

Date: Tue, 21 Sep 1999 18:56:16 -0500
From: "Randy Moore" <wr.moore@worldnet.att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [50957] FS: Alinco DX-70T
Message-ID: <000001bf048c\$e4c65940\$c9340a3f@wrmoorerpc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'd like to sell my Alinco DX-70T for \$575 plus shipping.

It's like new - a 10 both cosmetically and functionally. If you're not familiar with it, its one of the miniature HF+6m rigs (7" x 2.25" x 9.02", 6 lbs). Its has a general coverage rcvr; outputs 100w (CW, SSB, FM) on 160m-10m (including WARC bands), and 10w on 6m. Front panel adjustable to low power of 10w, and with an internal switch, the power is settable to either 50w/5w (however on this unit, the 5w is closer to 6, so not strictly QRP). Comes with a mic and the mobile mounting bracket.

72,
Randy, KS4L

Date: Tue, 21 Sep 1999 17:02:21 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Bruce Kizerian <kizerian@ced.utah.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50958] Re: Of ElmeRadios, PCBs, and QRP(?)...
Message-ID: <Pine.GS0.4.10.9909211701220.9929-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bruce,

If the story of the ElmeRadios doesn't belong here on QRP-L then nothing does!

Keep it up.....your doing good!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 21 Sep 1999 20:10:11 EDT
From: PDouglas12@aol.com
To: qrp-l@lehigh.edu
Subject: [50959] Chuck Adams, K7QO's whereabouts
Message-ID: <60a870d2.25197863@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Gang,

I heard from Chuck by landline, and he has arrived safely in AZ to start his new home. He is working on an ISP and will be online as soon as the details work out. Meantime, I suppose his website will need to also be re-sited, so his old addresses may not be working. He'll be along shortly!

72,

Preston WJ2V

Date: Tue, 21 Sep 1999 20:30:54 EDT
From: Shephed@aol.com
To: qrp-1@lehigh.edu
Subject: [50960] Re: FCC to crack down on Freebanders
Message-ID: <89d95f5e.25197d3e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

God I hope so, 10 was really open today, but between the CB'ers and the Truckers you could not hear any CW.
There was even Truckers as high as 28.350 today.

Dan, N8IE

Date: Tue, 21 Sep 1999 17:32:13 -0700
From: "Ward Hill" <w_hill@ns.net>
To: "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [50961] 40 foot graphite push up mast
Message-ID: <001001bf0491\$ec179240\$770f9fcf@0zpu5>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone know if the guy that sell the 40 foot graphite masts will be at Pacificon????

72,

Ward Hill, N1IE
Engineer KOVR-TV
www.kovr13.com

Date: Tue, 21 Sep 1999 20:32:39 -0400
From: "The One and Only!" <mitch96@pobox.com>
To: Macstein@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50962] Re: KF4KSM now AF4PS
Message-ID: <37E823A7.DAD5B1D5@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Macstein@aol.com wrote:

>
> Ok...there it is! How am I going to like ending in "S".... hummmm.
>
> -MAC-
> AF4PS

Ah.....carefully?? You gotta watch out for them "s's". they want to
grow up to be "H's" and "5's"
you know!!

--
73, mitch ww4ml
lost in the ethers again..

Date: Tue, 21 Sep 1999 17:39:21 -0700
From: Jim <w7ls@blarg.net>
To: ppdlg@gci.net, qrp-1@lehigh.edu
Subject: [50963] Re: Help for a Newbie with a Pixie
Message-ID: <37E82539.FC994813@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, Patrick. I'd resonate a small loop with a variable capacitor. A loop of

about a foot across should work, I'd think. 73 de Jim, W7LS

Patrick Scannell wrote:

> I'm helping my kids assemble our first qrp project - a couple of Pixie2
> Tranceivers from H.S.C.
>
> This is for a demo in a school gym. Any suggestions for a small,
> antenna for 80 meters? This antenna is not for dx; just something
> simple that will tune to 3.7 Mhz (at least that is the crystal freq.)
> and can transmit to the other pixie accross the room.
>
> 73, Patrick -a10q

Date: Tue, 21 Sep 1999 20:41:55 EDT
From: AC6JA@aol.com
To: qrp-1@lehigh.edu
Subject: [50964] LU3HIP ON 28.012.40CW
Message-ID: <1da63184.25197fd3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

just worked LU3HIP on 28.012.40 with my K2 running 5watts into a hustler 10m
mobile whip on the balcony of the townhome.

mike ac6ja

Date: Tue, 21 Sep 1999 19:56:47 -0500
From: Dave Redfearn <n4elm@texoma.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50965] Re: FS: LDG AT-11 auto antenna tuner
Message-ID: <37E8294F.B5840530@texoma.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The LDG AT-11 tuner is spoken for.

Thanks for the response.

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKtexoma.net (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Tue, 21 Sep 1999 19:55:54 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: PDouglas12@aol.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50966] Re: Chuck Adams, K7QO's whereabouts
Message-ID: <001501bf0495\$3a406480\$3a37a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Preston,

Thanks for the information.

I worked Chuck last night (Sunday local) on 30m for his first contact from his new location. After filling out a QSL card I realized that I couldn't find his new address. I guess I'll have to wait until his new ISP is up and running unless you happen to have it.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Tue, 21 Sep 1999 17:57:26 -0700
From: "Andreas Junge" <Andreas@atltech.com>
To: <PDouglas12@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50967] RE: Chuck Adams, K7QO's whereabouts
Message-ID: <000001bf0495\$702eb290\$0109010a@ANDI2000>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

His web site is on QSL.NET :

<http://www.qsl.net/k7qo/>

73,

Andreas, N6NU

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> PDouglas12@aol.com
> Sent: Tuesday, September 21, 1999 5:10 PM
> To: Low Power Amateur Radio Discussion
> Subject: Chuck Adams, K7Q0's whereabouts
>
>
> Gang,
>
> I heard from Chuck by landline, and he has arrived safely in AZ
> to start his
> new home. He is working on an ISP and will be online as soon as
> the details
> work out. Meantime, I suppose his website will need to also be
> re-sited, so
> his old addresses may not be working. He'll be along shortly!
> 72,
> Preston WJ2V
>
>
>
>
>

Date: Tue, 21 Sep 1999 20:07:39 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: aa5tb@swbell.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50968] Re: Chuck Adams, K7Q0's whereabouts
Message-ID: <003f01bf0496\$de617e40\$3a37a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Correction...

I worked him Monday local.

73,

Steve

Date: Tue, 21 Sep 1999 19:24:16 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: k5xu@concentric.net, qrp-1@lehigh.edu
Subject: [50969] Re: Antenna Article from CQ
Message-ID: <37E82FC0.32832ED5@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The other article I was referring to was earlier than I had thought.

It was entitled Parallel Verticals, A broadband Antenna covering 6 bands without Traps by Robert H. Johns, W3JIP, Chief Engineer of Barker & Williamson. However, it was not a PVC antenna, but used EMT conduit that were held in place with PVC insulator rings. The date on this CQ Magazine article is August 1983, pages 20-23.

73

Ray

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Tue, 21 Sep 1999 21:31:57 -0400
From: Rick Sealey <rsealey@InfoAve.Net>
To: qrp-1@lehigh.edu
Subject: [50970] Re: QRP Afield: Reporting
Message-ID: <4.1.19990921211513.00cc8d00@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 06:40 PM 09/21/1999 -0400, you wrote:

```
>> -name           Bob Edwards
>> -callsign       W4ED
>> -category       home
>> -number of QSOs 68
```

```

>> -claimed score      9,856
>> -location.          Stone Mtn, GA
>
>Had 28 SPCs over Sat & Sun. Had fun & could just imagine some of the other
>ops at mountain tops, or favorite parks, or just out in the open. IT was
>a beautiful two days here, near Atlanta. My operation was somewhat limited,
>but I was able to set up on the deck, out back, and had a very enjoyable
>time making contacts while gazing into the tall backyard Georgia pines.
>
>Used a K2, 7 Ahr battery, HB TFR paddle, 80m loop, ZM 1+ and TV twin lead.
----- S N I P -----
>
>          Bob    72/73          /|
>          email, w4ed@amsat.org    | /K2|\
>          http://www.qsl.net/w4ed    /| / 21| \
>          nr Atlanta, GA    EM73wt    /_|/_ __|__\ _
>~~~~~ [ \----- /
-----

```

Yeah, and Ed had a major big honkin' signal here in NC, too! (Major big honkin' translates to "very strong" for those not familiar with Southern vernacular.)

Rick - W4SEA
High Point, NC

```

-----
Date: Tue, 21 Sep 1999 21:34:04 -0400
From: Rick Sealey <rsealey@InfoAve.Net>
To: qrp-l@lehigh.edu
Cc: elecrafft@qth.net, njqrp@njqrp.org
Subject: [50971] K2 Battery Power
Message-ID: <4.1.19990921211948.00cc3520@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

```

I would like to see public posts from K2'ers that operated QRPA with battery power, just what kind of longevity they got with the internal battery, and other batteries, too, for that matter. As Saturday was six hours long, and that's the projected life for a single charge of the internal battery, I think it would be interesting to see how well it fared. This would be very useful info for those planning to use battery power in future events. Anybody got any comments for the list?

Rick - W4SEA

Date: Tue, 21 Sep 1999 18:25:43 -0700 (PDT)
From: Bob Kimbrell <kimbrell@netcom.com>
To: Tim Ahrens <tahrens@hilconet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50972] Re: 60 years!
Message-ID: <Pine.3.89.9909211830.A7897-01000000@netcom4.netcom.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 21 Sep 1999, Tim Ahrens wrote:

> Anybody notice who got a 60 year pin from ARRL? ;-)
>

Of course its the great pontificator W2NSD/1. But do you remember when he was on the cover of CQ Magazine in the 50's with David Sarnoff when RTTY was just being introduced to amateur radio? He then became the RTTY editor for CQ.

Date: Tue, 21 Sep 1999 19:40:59 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: qrp-l@lehigh.edu
Subject: [50973] Re: Notoriety!
Message-ID: <37E833AB.3BA6C89A@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I forgot to mention on my last post that not only was one of the preminent fox hunters of QRP-l fame at the El Paso Hamfiesta in the person of Tim, K50I (which I did mention) but there was another, who is also known as a mobile antenna guru and I speak of none other than Cecil Moore, W6RCA, formerly of SoCal area but now a resident of E. Texas. A lost soul has returned home!

Anyway, it was a real treat to meet, in addition to K50I and W3YK, W6RCA, and urge him to return to the QRP-L and other qrp activities which he said he is working on doing at first chance.

73
Ray
--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Tue, 21 Sep 1999 22:22:17 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: "Ward Hill" <w_hill@ns.net>, qrp-1@Lehigh.EDU
Subject: [50974] Re: 40 foot graphite push up mast
Message-ID: <199909220222.WAA11297@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Ward -

If you are referring to the 10 meter high DK9SQ mast - the answer is no - I
will not be there and as far as I know neither will DK9SQ.

I have the mast in stock and can ship immediately.

> Anyone know if the guy that sell the 40 foot graphite masts will be at
> Pacificon????
>
> 72,
>
> Ward Hill, N1IE
> Engineer KOVR-TV
> www.kovr13.com
>

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Tue, 21 Sep 1999 19:42:23 -0700
From: Rich Wilkerson <richqrp@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [50975] [Fwd: Re: 60 years!]
Message-ID: <37E8420F.34BE8CEE@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You know, I was one that thought Wayne was nuts more than 20 years ago when he said, "They will do away with the code", As i remember he was always saying the "end was coming". Funny just how right he was.

Rich WD6FDD

At 10:03 AM 9/21/99 -0400, Richard E. Robinson wrote:
>>Anybody notice who got a 60 year pin from ARRL? ;-)
>
>Good ole Wayne Green, W2NSD. Kinda hard to believe, isn't it?
>
>72,
>
>Rick kf4ar
>
>
>

Date: Tue, 21 Sep 1999 19:45:48 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: aa5tb@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50976] Re: Chuck Adams, K7Q0's whereabouts
Message-ID: <37E7E06C.874BEFA8@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For those who want to send QSL cards, Chuck's new address is P.O. Box 11840, Prescott, AZ 86304-1840

--
73, de Roger, N7KT
qrp-1 #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Tue, 21 Sep 1999 18:46:10 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: mike_mhe@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [50977] Re: K5F0 Pages, where?
Message-ID: <37E842F2.BD653AC1@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

<http://www.qsl.net/k7qo/>

works just fine.

73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska
<mailto:al7fs@qsl.net>
ICQ 11022915

Michael wrote:

>
> Hello QRPers,
>
> I'm searching with my old bookmark entry for K5F0.

Date: Tue, 21 Sep 1999 23:12:24 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [50978] sudden survey
Message-ID: <37E84918.749A530@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Folks,

Enquiring minds want to know:

Where do you'uns (that's SE Ohioan for "y'all") buy your transmitter crystals?

Dave

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13if
dlh1009@rit.edu

Date: Tue, 21 Sep 1999 23:33:19 -0400

From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [50979] Is Your Fireball Ready to Run?
Message-ID: <3.0.6.32.19990921233319.00799e00@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Fireballers,

Time to make the last toroid for your FB40 xmtr kit because Saturday, Sep. 25, 1999, 0900-1200 LOCAL TIME is when the Fireball Run II Sprint begins. We'd like to hear yours on the air then! Here are the details:

~~~~~  
FIREBALL RUN II

Purpose:

The NJ QRP Club announced this event to have the 600 + Jersey Fireball kits wired up and on the air. (It's FUN too.)

GENERAL:

The RUN is based on the QRP ARCI Contest rules that most know well. Fireball users are the members with numbers #1 or #2. Local time used for the contest.

WHO CAN ENTER:

Stations with Fireball, Fireball Plus (Amp kit fitted), or ANY OTHER RIG.

DATE/TIME:

Sept 25, 1999, 0900-1200 LOCAL TIME

FREQUENCY:

7.080 MHZ primarily but you may use 3.540, 14.161 and 28.322 MHZ also.

EXCHANGE:

Fireball User - RST, S/P/C, #1  
Fireball Plus User - RST, S/P/C, #2  
Non-Fireballer - RST, S/P/C, Power Out

QSO POINTS:

Fireball or Fireball+ = 5  
Non-Fireballer, different continent = 4  
Non-Fireballer, same continent = 2

MULTIPLIERS:

S/P/C (State/Province/Country) total for all bands.

The same station may be worked on more than one band for QSO points and SPC credits.

POWER MULTIPLIER:

0-50 mw = X 20; 50-250 mw = X 15; 250 mw - 1 W = X 10; 1-5 Watts = X 7;  
Over 5W = X 1  
(Ok we gave the Fireball at 40 mw a break!)

SPECIAL FIREBALL MULTIPLIER:

If your xmtr is a Fireball or Fireball+ with 100% QSOs, your score may be multiplied by 2 for Fireball or by 1.5 with Fireball+ for the final score.

FINAL SCORE:

QSO Points x SPC X Power Mult X Fireball Mult = Final Score

OPERATING RESTRICTIONS:

Being a single frequency on each band, no station should call CQ to hold the frequency. When you call CQ or QRZ, don't do it again for 30 seconds unless another station does so.

MORE DETAILS:

Entry includes a copy of the logs and a separate summary sheet.  
Include duplicate check sheets with entries of 100 QSOs or more.  
Include a legible name, call and address.  
All entries must be received within 30 days of the contest date.  
Indicate the output power for each band. The highest power used will determine the power multiplier. Output power is considered as 1/2 of input power. Include a description of homebrew equipment, commercial equipment, and antennas used with each entry.  
Include an SASE with your entry for a copy of the results. Results will be posted on QRP-L and the NJQRP Web Site, <http://WWW.NJQRP.org>  
The final decision on all matters concerning the contests rests with the contest manager. ETC, ETC, ETC.....

Entries are welcome via E-Mail to N2CQ@ARRL.NET, or by mail to:

Ken Newman, N2CQ  
81 Holly Drive  
Woodbury, NJ 08096

72 de  
Ken Newman - N2CQ  
Woodbury, NJ  
N2CQ@ARRL.NET

~~~QRP Contest Calendar~~~

<http://www.njqrp.org/data/contesting.html>

~~~ NJ QRP Club Callsign ~~~  
WQ2RP

-----  
Date: Tue, 21 Sep 1999 23:47:43 -0400  
From: "Ken Hanks" <ken.hanks@po.state.ct.us>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [50980] One QRP-ers other life  
Message-ID: <00d701bf04ad\$41ffce00\$9d103ccc@acer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Stealth photography in the Connecticut hills caught this QRP-L member over on the dark side.  
Check the bottom of the page.

<http://www.qsl.net/k1xs/vhf.htm>

The skills from QRP, i.e. copying weak CW signals, Fox hunting, etc. are a benefit when operating a contest station like the one in the pictures.

73,

Ken Hanks K1XS  
Naugatuck, CT  
Ken.Hanks@po.state.ct.us  
<http://www.qsl.net/k1xs>

-----  
Date: 22 Sep 1999 8:15:0 GMT  
From: rfoltz@turbonet.com  
To: rsealey@InfoAve.Net, elecraft@qth.net, qrp-l@lehigh.edu  
Subject: [50981] Re: K2 Battery Power  
Message-ID: <04163576537129@turbonet.com>

Rick wrote:

>I would like to see public posts from K2'ers that operated QRPA with  
>battery power, just what kind of longevity they got with the internal

Ok, Rick. I took some data about battery life and K2 operation during QRP AField.

I started with a YUASA 4.0 AHr battery. It had been charged and Friday morning it had an open circuit voltage of 13.20 V. I had all the LEDs turned off for the 'test and the bias of the final amp fully counter-clockwise on the K2. Receive current was 0.18 A with a voltage of 12.5 V on the K2 display. Transmit current was 1.2 to 1.5 A running 5 w depending on whether I was on 20 m or 15 m.

I had decided that when the receive voltage got to 12.0 V I would take that battery off and put on a Power Sonic 4 AHr cell. This occurred between 2236 and 2247 UTC. The transmit voltage was around 11.2 V. The low voltage warning on the K2 did not come on. I had made 87 Qs at that time from a combination of S&P and calling CQ. Probably 80% of the time I was calling CQ rather than S&Ping. Sunday morning the YUASA open circuit voltage was 12.52 V.

The Power Sonic cell went from 2247 UTC to the end of the contest Saturday. I made 12 Qs on this battery. Nearly all of them were CQing. The battery had an open circuit voltage on Friday of 13.18 V and on Sunday morning of 12.94 V. During the contest it did not get down to 12.0 V.

Summary:

Results will depend on how far you drain the battery. I stopped at a receive voltage of 12.0 V.

YUASA 4 AHr - From a full charge it lasted 4 1/2 hours at 5 watts with 80% of the time CQing and 20% of the time S&Ping.

POWERSONIC 4 AHr - From a full charge it was used 1 1/2 hours at 5 watts without getting down to 12.0 V. 95% of this time was CQing.

73,

Randy  
K7TQ ARCI QRP-L NORCAL ARS FISTS CQC  
Moscow, ID

-----  
Date: Tue, 21 Sep 1999 22:46:53 -0600  
From: "Dick Schneider" <dschneider2@uswest.net>  
To: "QRP-L" <qrp-l@Lehigh.edu>  
Subject: [50982] FOR SALE: BUTTERNUT HF6V VERTICAL ANT W/160M  
Message-ID: <002d01bf04b5\$7e1106e0\$bd9ca0d8@dnvr.uswest.net>  
MIME-Version: 1.0



Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

FOR SALE: BUTTERNUT HF6V VERTICAL ANT W/160M. COVERS 160, 80, 40,20,15,10 METERS. I DO NOT HAVE THE RADIALS FOR IT SO YOU WILL NEED TO MAKE UP A SET OR GET A BUTTERNUT RADIAL KIT. CAN BE GROUND MOUNTED OR MOUNTED ON MAST, OR ROOF. WORKS FINE. EXCELLENT FOR LIMITED SPACE OR LOW PROFILE REQUIREMENTS. \$125 SHIPPED.

72 Dick AB0CD

-----  
Date: Wed, 22 Sep 1999 01:18:13 -0400  
From: Mark Sailer <msailer@willys.buoy.com>  
To: qrp-1 <qrp-1@lehigh.edu>  
Subject: [50983] HeathKit HW-8  
Message-ID: <37E86695.D8E7C140@willys.buoy.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Fellow QRPer's

I have a HW-8 in good working condition.  
The HW-8 has been lightly modified.  
Includes the original Manual.  
I'll let her go for \$125.00 to CONUS.

Too many radios, not enough time.

E-Mail direct only PLEASE, not to the list.

====  
Mark Sailer, N2JTW                   msailer@buoy.com  
Lake Grove L.I., NY

-----  
Date: Tue, 21 Sep 1999 22:21:53 -0700  
From: "Dave Fifield" <fifield@pacbell.net>  
To: <barmstrong@sisna.com>, "Low Power Amateur Radio Discussion" <qrp-

l@Lehigh.EDU>  
Subject: [50984] Re: Solder lug source?  
Message-ID: <009e01bf04ba\$61fc0e00\$0100a8c0@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bob,

Try: <http://www.seastrom-mfg.com/Pages/solderlugs.html>

Cheers,  
Dave Fifield, AD6A

-----  
Date: Tue, 21 Sep 1999 22:38:24 -0700  
From: "Kory Hamzeh" <kory@avatar.com>  
To: <qrp-l@lehigh.edu>  
Subject: [50985] OT: I'll be away for a while  
Message-ID: <005101bf04bc\$b0276dc0\$14ce21c7@tomcat.avatar.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

If this kind of message is inappropriate for this list, my apologize in advance. I've built up a regular set of correspondence with a lot of people of this list so I wanted to let everyone know.

Due to a JRA, I'm going to the hospital for a hip replacement this Thursday. I should be gone for about a week. After that, health permitting, I shall be back on the air and back on this list. Then maybe I can finish my K-2!

Take care & 73,  
Kory  
AC6RN

-----  
Date: Wed, 22 Sep 1999 16:01:46 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [50986] Re: [Fwd: Re: 60 years!]

Message-ID: <37E870CA.5D7C61C1@integritynet.com.au>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Rich Wilkerson wrote:

> You know,I was one that thought Wayne was nuts more than 20 years ago  
> when he said, "They will do away with the code", As i remember he was  
> always saying the "end was coming". Funny just how right he was.  
> Rich WD6FDD

Haven't seen 73 for about 20 years. Does he still do the IRS rant 'n rave routine?

--

73's

Ian Purdie

VK2TIP "I'll give you the TIP mate"

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

-----  
Date: Wed, 22 Sep 1999 02:41:08 -0400

From: "Greg Heath" <gheath1@nycap.rr.com>

To: "QRP-L (SENDING ? TO QRP-L)" <qrp-l@Lehigh.edu>

Subject: [50987] Grass Wire Antenna

Message-ID: <052201bf04c5\$745291e0\$133a5c18@nycap.rr.com>

I ran across a new antenna and wondered if anyone has used it? My antenna is down via "Floyd", so I am looking for a new antenna. Apartment living.....so the choices are limited..... :) Greg.

<http://users.erols.com/k3mt/graswire/graswire.htm>

Also anybody know of any websites with lots of "Condo antennas"? The kind of antenna you put up when surrounded by 4 walls. "73"

-----  
Date: Wed, 22 Sep 1999 00:11:41 PDT

From: "Leon Heller" <leon\_heller@hotmail.com>  
To: kizerian@ced.utah.edu, qrp-1@Lehigh.EDU  
Subject: [50988] Re: Ferrite Rod Inductors  
Message-ID: <19990922071143.6408.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: Bruce Kizerian <kizerian@ced.utah.edu>  
>Reply-To: kizerian@ced.utah.edu  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: Re: Ferrite Rod Inductors  
>Date: Mon, 20 Sep 1999 16:05:37 -0600  
>  
>Ian  
>  
>I am still working on the inductor problem. The off-shore manufacturers  
>make suprising good ferrite loopstick coils for very low cost. They do  
>this by winding a single layer of Litz wire over an appropriate core  
>material. Most common AM broadcast loopstick antennas are wound this way.  
>They often have very uniform inductance and Q (a result of low AC  
>resistance and low stray capacitance). The only cheap source of good  
>loopstick antennas I have found is from Electronic Goldmine.  
>Unfortunately, these are a bit out of spec, and will not resonate below  
>about 650 KHz with the "matching" miniature variable capacitor they sell.  
>  
>If large inductances are required special methods sometimes called wave or  
>honeycomb winding are used. A good example of this is a high inductance  
>choke coil which may have 2 or more narrow, deep honeycomb windings spaced  
>across the core.

Wave winding, of course, needs a machine, but scramble winding should be just as good - you sort of randomise the winding while you are doing it. A couple of collars on the rod will help to keep it neat.

73, Leon

Leon Heller, G1HSM  
Tel (work): +44 1327 357824  
Tel (mobile): +44 79 9098 1221  
Email:leon\_heller@hotmail.com  
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Wed, 22 Sep 1999 09:30:18 +0100  
From: Hans =?iso-8859-1?Q?=D6stnell?= <Hans.Ostnell@itn.vxu.se>  
To: qrp-1@Lehigh.EDU  
Subject: [50989] Spare parts HW-8...  
Message-ID: <3.0.6.32.19990922093018.009e3d00@epost.vxu.se>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hi!

Need some knobs for the repair of my HW-8... anyone got a couple of knobs  
(part no. 462-258) and one silver knob (part no. 462-293) to sell??

73/72=B4s de Hans/SM7TUG

-----  
Date: Wed, 22 Sep 1999 06:20:27 -0400  
From: neil tanner <ntan@crosslink.net>  
To: qrp list <qrp-1@lehigh.edu>  
Subject: [50990] re: solar panels  
Message-ID: <37E8AD6B.CA14A192@crosslink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Many thanks for the replies to the question about the \$20 solar panels.  
72---Neil wa4chq

-----  
Date: Wed, 22 Sep 1999 06:22:24 -0400  
From: Tom Randall <trandall@idsi.net>  
To: qrp-1@Lehigh.EDU  
Subject: [50991] No digest last evening?  
Message-ID: <199909221022.GAA07403@pop.idsi.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi gang,

I didn't get the digest as usual last night. Anyone else not get it?

73,  
Tom

Tom Randall -- tprandall@idsi.net (Remove the "P" to e-mail me)  
Amateur Radio - KB2SMS  
Mt. Beacon Amateur Radio Club / ARRL / 10-10 / QRP-L #1965  
Member: AAVSO Solar Division

My Astronomy/Ham radio site: <http://www1.mhv.net/~trandall/welcome.html>

-----  
Date: Wed, 22 Sep 1999 07:19:47 -0400  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>, "njqrp@njqrp.org" <njqrp@njqrp.org>  
Subject: [50992] Belated NC-20 contruction - Solved  
Message-ID: <37E8BB53.2F10AFCF@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Just as a number of folks suggested, tweaking the VFO to bring in onto frequency did the trick. Thanks to everybody who offered their help. With a number of stages still t be completed I'll probably be asking the list for help again. This is a great kit. If you haven't built one you should check out the Red Hot Radio.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----  
Date: Wed, 22 Sep 1999 13:24:24 +0100  
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>  
To: "QRP-L" <qrp-l@lehigh.edu>, "GQRP-L" <gqrp@onelist.com>

Subject: [50993] Fw: EI9GQ Homebrew radio page.  
Message-ID: <00d501bf04f5\$88a9ef00\$a7a632d4@prsat0x1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

For your info  
72

Frank G3YCC  
QRP web page <http://www.karoo.co.uk/g3ycc/>

----- Original Message -----

From: Eamon Skelton <Xnospam@oceanfree.net>  
Newsgroups: rec.radio.amateur.homebrew,uk.radio.amateur  
Sent: Tuesday, September 21, 1999 10:01 PM  
Subject: EI9GQ Homebrew radio page.

> Recent update to EI9GQ Homebrew radio page.  
> <http://www.qsl.net/ei9gq>  
>  
> 'A simple way to make your own printed circuit boards'  
> <http://www.qsl.net/ei9gq/pcb.html>  
>  
> 73, Ed. EI9GQ  
>  
> --  
>  
> Remove X to reply.  
>  
> My e-mail address is:  
>  
> nospam AT oceanfree.net  
>  
>

-----

Date: Wed, 22 Sep 1999 07:32:54 CDT  
From: George F Franklin <w0av@juno.com>  
To: dlh1009@ritvax.isc.rit.edu  
Cc: qrp-l@Lehigh.EDU  
Subject: [50994] Re: sudden survey  
Message-ID: <19990922.075117.-71263.0.w0av@juno.com>

MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hi Dave,

I recommend SENTRY MFG. CO., of Chickasha, OK.

Phone 800 252-6780      FAX 405 224-8808

Reasonable prices, good quality, fast service, no minimum order.

73 de George/W0AV  
METRO NORTH COMMUNICATIONS  
Kansas City, MO

-----  
Date: Wed, 22 Sep 1999 09:29:49 -0400  
From: "dor" <elbc@pivot.net>  
To: <aa5tb@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [50995] Re: Chuck Adams, K7Q0's whereabouts  
Message-ID: <005001bfe04fe\$98ac5ba0\$7610a1d0@mine1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi All Chucks Homepage is still up and running just need to change his URL  
to his new call . Anyway here is the URL  
<http://www.qsl.net/k7qo/>

73 dave KC1DI

----- Original Message -----  
From: Steve Yates, AA5TB <aa5tb@swbell.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Tuesday, September 21, 1999 9:07 PM  
Subject: Re: Chuck Adams, K7Q0's whereabouts

> Correction...  
>  
> I worked him Monday local.  
>



> 73,  
> Steve  
>

-----  
Date: Wed, 22 Sep 1999 07:36:05 -0600  
From: "Rod Cerkoney" <rlwc@frii.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [50996] RFI: FESTS & FORUMS  
Message-ID: <00aa01bf04ff\$6db95fa0\$9f8711d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Another QRP-Ler, Jerry, WOMC, and I, want to change the world, well our part of it. Over the past year we've read about Pacificon, Atlanticon, Ft Tuthill, FDI and others. Hear in Northern Colorado we have a "Superfest" twice a year but it is mainly a swapfest. So we thought we'd try putting on a forum or two. My questions:

To those who have attended grand events like those mentioned:

What forum did you like the best? Why?

Do you know of any non QRPers who attended any of the sessions and walked away saying WOW that was cool, glad I went. What was that forum, what did they think was cool about it?

What forums would you like to see that have not been offered somewhere sometime?

To those who have organized or presented:

How did you get started doing such a thing?

What forums were a complete bust and should be avoided?

What forums exceeded your expectations?

What presentation methods did you find worked best, lecture only, lecture/slides, equipment demo...other?

I'm looking for a topic or two that would have appeal over a large group of diverse hams with vast appeal. Ideas?

The strategy: Short term goal is to get a good turnout the first year or two so I can survey attendee's interests, and add forums in years hence. Long term goal is to have several forums with "World Class" presenters like the forums mentioned above.

Anybody, everybody, HELP. Send me your comments, ideas...whatever.

---

72/3 Rod, NORC  
da di dah

-----

Date: Wed, 22 Sep 1999 07:04:43 -0700 (PDT)  
From: Dave Pomeroy <dave\_pomeroy@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [50997] open circuit battery voltage  
Message-ID: <19990922140444.8617.rocketmail@web601.yahoomail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I am looking for some way to check my DMM. Can I use  
an open circuit battery voltage for a cal source?  
Thanks in advance for your help.  
Dave Pomeroy

-----

Do You Yahoo!?  
Bid and sell for free at <http://auctions.yahoo.com>

-----

Date: Wed, 22 Sep 1999 10:07:47 EDT  
From: WB9MII@aol.com  
To: qrp-l@lehigh.edu  
Subject: [50998] Purely Amazing - what can be done with rotten set ups  
Message-ID: <b9545192.251a3cb3@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Howdy Everyone....

With 1 watt...and an indoor Zepp fed with cheapo tv twinlead (with about 10 feet of it on the floor....helps the Johnson Matchbox load it up) worked a guy in VT with 1 watt from my end. This feller swore I was 569 and the QSO was solid. The Zepp is hung on the wall with R/S computer cable clips and I can just about reach up and grab it.

Must confess I was pretty discouraged over the summer...but things seem to be better now. Take care 72

Greg WB9MII

QRP ARCI 9719

Amateur Radio Post 380 - the American Legion

-----  
Date: Wed, 22 Sep 1999 08:35:29 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: Dave Benson <nn1g@earthlink.net>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>

Subject: [50999] QRP AFIELD

Message-ID: <Pine.LNX.3.95.990922075755.10921A-1000000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

As things turned out, I was able to pop in and out of this enjoyable on-air event as VE5QRP and I sure had fun running my Kenwood TS-430S at 5 watts!...propagation for the most part was "now you hear 'em; now you don't"...and now to the log:

\*\*\*\*\*

- CALL - DATE - - TIME(Z) - LOCATION - POWER - FREQ - COMMENTS -

\*\*\*\*\*

|          |          |      |    |       |    |      |
|----------|----------|------|----|-------|----|------|
| N2CQ     | 09-18-99 | 1900 | NJ | 5W    | 14 |      |
| K5LN     |          | 1902 | TX | 5W    | 14 |      |
| N6WG     |          | 1908 | CA | 5W    | 14 |      |
| N4ROA    |          | 1910 | VA | 5W    | 14 |      |
| WK8S     |          | 1917 | MI | 5W    | 14 |      |
| WA7LNW   |          | 1922 | UT | 3W    | 14 |      |
| K1LGQ    |          | 1932 | NH | 5W    | 14 |      |
| AB8DF    |          | 1937 | MI | 5W    | 14 |      |
| K1CL     |          | 1946 | MA | 2W    | 14 |      |
| WK8S     |          | 1957 | MI | 5W    | 14 | DUPE |
| N0MF     |          | 2016 | IA | 5W    | 14 |      |
| N4ROA    |          | 2018 | VA | 5W    | 14 | DUPE |
| AE4GX    |          | 2028 | GA | 5W    | 21 |      |
| AF5Z     |          | 2031 | TX | 3W    | 21 |      |
| N4BP     |          | 2043 | FL | 5W    | 21 |      |
| N0MF     |          | 2055 | IA | 5W    | 14 | DUPE |
| CX9AA/W2 |          | 2129 | NY | 5W    | 14 |      |
| WA8RXI   |          | 2137 | MI | 5W    | 14 |      |
| W4DEC    |          | 2146 | AL | 900mW | 21 |      |
| K5KW     |          | 2155 | OK | 750mW | 14 |      |
| K8CV     |          | 2217 | MI | 5W    | 14 |      |
| W5RXP    |          | 2220 | NM | 1W    | 14 |      |
| WA8ZBT   |          | 2228 | TX | 5W    | 14 |      |

|       |      |    |    |    |
|-------|------|----|----|----|
| W5JAY | 2230 | AR | 1W | 14 |
| N4DD  | 2237 | TN | 5W | 14 |

\*\*\*\*\*

I was unable to be on for the Sunday morning run but I think it's a nice "fresh twist" for this event...I mentioned I gave out 5 watts as my power...afterward I turned on my WM-2 and found I had been runnning 2 watts for all my contacts....hmmmm....I guess my sub-conscious is slowly but surely moving me to the "mW zone!".....thanks VERY much Dave for organizing and keeping this nice event alive and thanks to everyone I contacted.....next year MILLIWATTS!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
 A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,  
 S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

-----

Date: Wed, 22 Sep 1999 10:17:00 -0400  
 From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
 To: qrp-l <qrp-l@lehigh.edu>  
 Subject: [51000] Re: open circuit battery voltage  
 Message-ID: <37E8E4DC.480B3961@rit.edu>  
 MIME-version: 1.0  
 Content-type: text/plain; charset=us-ascii  
 Content-transfer-encoding: 7BIT

Dave Pomeroy wrote:

>

> I am looking for some way to check my DMM. Can I use  
 > an open circuit battery voltage for a cal source?  
 > Thanks in advance for your help.  
 > Dave Pomeroy

Dave,

Depends on the cell. When I was in school we had an old RTD temperature meter that used a mercury cell as a voltage reference. I don't know how accurate it was, though. I'm not even sure what other kinds of betteries would make decent references. Something with a flat discharge curve, like maybe a NiCd, but I don't know if that's flat enough.

What kind of accuracy are you looking for? Most zener diodes are within (I think) 10% of the marked voltage. Is that good enough?

--

Dave Hinerman WD8CIV

Ontario, NY Grid FN13IF  
dlh1009@rit.edu

-----  
Date: Wed, 22 Sep 1999 10:04:40 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [51001] Re: QRP-A a Great Event! (long)  
Message-ID: <199909221446.KAA08175@moose.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

> Is there a difference in 5 watts from an FT-1000, IC-781 or TS-950 and 5  
> watts from a K2 or homebrew 6V6?  
>  
Dollars per watt :-)

72,  
Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Wed, 22 Sep 1999 09:58:41 -0500  
From: "Pat Cain, K0PC" <pcain@netscape.net>  
To: nn1g@earthlink.net, qrp-l@lehigh.edu  
Subject: [51002] =?iso-8859-1?Q?QRP\_Afield\_Report,\_KPC?=  
Message-ID: <4.2.0.58.19990922093534.00d79820@popd.ix.netcom.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"; format=flowed  
Content-Transfer-Encoding: quoted-printable

-name Pat Cain  
-callsign K=D8PC  
-category (home/portable) Portable  
-number of QSOs 75  
-claimed score 20,400  
-location. Crystal Lake Beach Park, Burnsville, MN (Dakota Co.)

Rig: K2 @ 5W running from the internal battery and 5W solar cell.  
Ant: DK9SQ loop and mast

I operated from the local repeater club's picnic. There was a lot of=20  
interest in QRP operation from the 2-meter crowd, maybe there will be a few=

=20

conversions from the experience. There was a stiff West wind all afternoon=

=20

but the sun was out and the temperature was in the 70's so it was a=20  
beautiful day. This was my first portable experience with the K2 and=20  
loop/mast. Murphy stayed away and I had a great time.

My vote for best signal goes to K5KW in OK running 750 mW on 20 meters. He=  
=20

was the strongest signal on the band when I worked him near the start of=20  
the contest and he stayed that way all afternoon. Maybe that was supposed=20  
to be 750 mega Watts, not milli Watts. Most of the action was on 20 meters=

=20

here. I had only a dozen contacts on 40 & 15.

I ended up with 75 QSOs and 34 SPCs. I'm already looking forward to next=20  
year, great event.

73's

PC (K=D8)

-----  
Date: Wed, 22 Sep 1999 11:30:48 -0400

From: logullo@mindspring.com

To: qrp-l@lehigh.edu

Subject: [51003] Electronics of Radio, by Rutledge: seen it yet?

Message-ID: <Springmail.104.938014248.0.91158400@www.springmail.com>

I can't remember if this book has been mentioned before on QRP-L; if so, sorry for  
bandwidth. This was a featured selection in a book club I'm in.

Looks interesting, as it was written by a EE professor. It's an analysis of the  
NorCal 40A.

This may be the book I've been looking for for a long time; if any of you have  
seen this book or know more about it, I'd like to hear your opinion. Thanks!

-----  
Date: Wed, 22 Sep 1999 09:24:18 -0700 (PDT)

From: Jeff <fantbb@yahoo.com>

To: qrp qrp <qrp-l@lehigh.edu>

Subject: [51004] Re: Purely Amazing - what can be done with rotten set ups

Message-ID: <19990922162418.26439.rocketmail@web113.yahoomail.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

--- WB9MII@aol.com wrote:

....

> With 1 watt...and an indoor Zepp fed with  
> cheapo tv twinlead (with about 10  
> feet of it on the floor....helps the Johnson  
> Matchbox load it up)

When I first got licensed back in 1991 every  
thing I read about antennas, tuners and rigs that  
unless you did it by the book it wouldn't work.  
You needed good grounds, antennas had to be cut  
just right and up so high and band conditions had  
to be good.

Well what I learned so far that while that may  
help it is so much bunk. I've worked DX often  
with lousy antennas close to the ground. No good  
grounds for my tuner which tuned up the G5RV just  
fine. 1 to 5 watts going out into the ether on  
bands that shouldn't have the DX station on in  
the first place.

By the book is probably the best way of doing it.  
But I sure wouldn't let far less than perfect  
conditons or setups keep me off the air!

72!

Jeff

=====

Jeff Jones  
AB6MB  
NorCal QRP Club #65, QRP-L #1780  
CW Forever!!!  
Ghost Hunter  
Owner of the Delta MudCats fantasy baseball team  
Voicemail/Fax 1-888-Excite2 ext 925-439-2514

-----  
Do You Yahoo!?  
Bid and sell for free at <http://auctions.yahoo.com>

-----

Date: Wed, 22 Sep 1999 12:46:27 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [51005] QRP TRIVIA

The emergency locating beacons used on ships called EPIRBs transmit a micro signal to the satellite with a barcode type info which identifies the transmitter and uses 5 watts. The homing signal is on 121.5 MHZ. Up until recently it was only 25mw. The latest international regulations have upped it to 50mw.

-----  
Date: Wed, 22 Sep 1999 09:56:20 -0700  
From: Allan G Taylor <k7gt@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [51006] Bencher paddles Allen wrenches  
Message-ID: <37E90A34.2464@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

```

|
/|
/ |
| /Z |\
/| /599| \

Allan Taylor K7GT
k7gt@arrl.net
Pleasanton CA CM97aq /_|/_ _ _|_ _\_ http://www.qsl.net/k7gt
...QRO, QRP, or barefoot..... [\---===== /

```

Date: Wed, 22 Sep 1999 10:22:10 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-l@lehigh.edu, ka7you@juno.com



Subject: [51007] K2 Closure.  
Message-ID: <37E91042.584AE790@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang, I finished the K2 yesterday. I was on the air earlier than expected.

I've made 6 QSO's on 40 meters with outstanding reports. Albuquerque, NM last night gave me a detailed report. "So stable, like a XTAL rig... Nice tone, clean and crisp".

Summary details:

Total Time to build, including alignment: 26 Hours.

Unique information:I built the rig while I was standing at the 3'-4" work bench, "I don't take building a K2 sitting down!"

Impression:Not difficult to build. Easier than expected. Works perfect as advertised. Hardest part is finding a decent stable signal source, zerobeat, and set the IF filters up. The 7000 KHz internal signal did the job.

Got-cha's:The 150 pF capacitor marked 151 on one side and 821 on the other. The manual tells you abt it. I recommend new builders sort parts before building.

Tools:

The Swedish diagonal cutters with clipping retainer is perfect. Gets in tight and keeps leads from flying around the room or into one's safety glasses.

Silver solder and regular 63/37 plus some larger diameter 63/37 for tinning the iron periodically and always before turning iron off.

To expedite building I used a plastic lead-former for the resistors. It is a useful tool. I've also used small flat files to form lead on smaller outline parts. Also nice to use wooden dowels to form test loops in ground wire. A lead former is just a plastic, vee shaped device, more like a perspective drawing of radio tracks into the sunset.

That's my summary and closure on the K2 project. I gather

some are tired of the stories so I kept it short :)

K2 S/N# 000268, Born 9/21/1999.

K2 beanie babies? Imagine mini beanbag replicas, rigs, keys, etc! Ant. beams? Wow. Let the XMAS rush begin!

72/Ed we6w

--

-Ed AR Millennium Q's=>1200/2000 QRP-L#1068 Old NC#2227  
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

-----

Date: Wed, 22 Sep 1999 13:25:08 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <fantbb@yahoo.com>, "QRP Mail List" <qrp-l@Lehigh.EDU>  
Subject: [51008] Re: Purely Amazing - what can be done with rotten set ups  
Message-ID: <001a01bf051f\$73a0b420\$9001a8c0@mikey.wn.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Right on!!

This is exactly the kind of situation I've seen some engineers fall into when they refuse to recognize that the best tool is not always the best tool for the job, and conversely the best tool for the job is not always the best tool.

I wanted a cheap (ie \$10) meter just to tell if power was on to a PCMCIA card. Two other engineers in my group wanted one too, then more, so I eventually ordered 5 of them. Came to less than \$80. But a week later I get hauled in and what the hell was going on ordering 5 of these \$600 Flukes for \$3000. Well, another guy was supposed to 'check over' orders, and he just felt that the RS meters I wanted were junk, and changed the order to a top-line Fluke. Well, I hit the roof over that. (Previously I had an order for 2 LOW END SCOPES get changed to a \$9000 digital storage scope, and I took the heat for that. The digital scope is used, but not NEAR as productively as the two 20MHz scopes could have been!)

People get hung up on perfect SWR. Why? It's not SWR that matters,

other than being 'acceptable', but radiated power. And when you're stuck in that 2nd floor apartment and don't have a multi-band trap vertical on the roof, hook up the box mattress. Just do it. Get off your butt and radiate energy.

People won't put up a less than perfect antenna. Geesh, run a match box to the gutter! JUST DO IT!

Mike  
N1DVJ

>--- WB9MII@aol.com wrote:

>....

>> With 1 watt...and an indoor Zepp fed with  
>> cheapo tv twinlead (with about 10  
>> feet of it on the floor....helps the Johnson  
>> Matchbox load it up)

>

>When I first got licensed back in 1991 every  
>thing I read about antennas, tuners and rigs that  
>unless you did it by the book it wouldn't work.  
>You needed good grounds, antennas had to be cut  
>just right and up so high and band conditions had  
>to be good.

>Well what I learned so far that while that may  
>help it is so much bunk. I've worked DX often  
>with lousy antennas close to the ground. No good  
>grounds for my tuner which tuned up the G5RV just  
>fine. 1 to 5 watts going out into the ether on  
>bands that shouldn't have the DX station on in  
>the first place.

>By the book is probably the best way of doing it.  
>But I sure wouldn't let far less than perfect  
>conditons or setups keep me off the air!

>

>72!

>

>Jeff

-----

Date: Wed, 22 Sep 1999 17:16:31 +0000  
From: Goran Hosinsky <hosinsky@jet.es>  
To: hosinsky@jet.es, QRP-L <qrp-l@lehigh.edu>  
Subject: [51009] Re: Visual Altoids - Thanks

Message-ID: <37E90EEF.40803431@jet.es>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,

I will now be able to learn even the culinary aspects of the Altoids -  
this  
is a great list. Several members have offered to send me samples.

Thanks!

Goran      ea8yu      La Palma Island, Canary Islands

-----  
Date: Wed, 22 Sep 1999 10:14:26 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>  
Subject: [51010] Electronics of Radio Book  
Message-ID: <01bf051d\$ec89af60\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Jeff, I just looked on Amazon.com and the paperback edition of Dr. Rutledge's book, Electronics of Radio, is \$44.95. The hardcover edition is \$100.00. The book uses the NorCal 40A from Wilderness radio as a lab exercise and is an excellent book. I have a copy of it, and it is a nice addition to your library. It is pricey though, and is much more valuable if you build the radio and do the experiments as you go through the rig. The current price of the NorCal 40A from Wilderness Radio is \$129. That, plus the text in paperback means that you can do the course by yourself for \$173.95 which is a real bargain.

But there is another choice. You can build the Elmer 101 rig (the Small Wonder's Lab 40+) and use the Elmer 101 Fall 98 issue of QRPP. If you don't already have it, you can order it for \$12 from QuickSilver Printing, P.O. Box 757, Socorro, NM. 87801. The Small Wonder Lab's 40+ kit is \$55 and the book is another \$12 for a total of \$67.

What is the difference besides price? Well, the NorCal 40 and the Rutledge book are more radio and much more course. Is the Elmer 101 adequate? Sure. I recommend both of them. It depends on how deep you want to go. How much

time do you want to spend on a course? The Elmer 101 course can be done easily in say 25 hours. The Rutledge course would probably take at least 18 weeks, maybe longer (working 2 hours per night, 5 days per week.)

Looks like a win-win situation for QRPers. One is a good meal, the other is gourmet, but both will fill you up.

I have no connection with Dr. Rutledge, Wilderness Radio, Small Wonder Labs, but can't say the same about Quick Silver Printing. I am a customer and they print QRPP. I gave the rights to sell the Elmer 101 issue to Paul in order that it would be available as a stand alone book. I don't get any type of royalty check or consideration of any kind, except a smile from the receptionist/help/bindery operator/collator/janitor/shipping clerk/customer service rep/ when I show up in Socorro.

72, Doug, KI6DS

-----  
Date: Wed, 22 Sep 1999 10:40:48 -0700  
From: Jim Lowman <jmlowman@ix.netcom.com>  
To: logullo@mindspring.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [51011] Re: Electronics of Radio, by Rutledge: seen it yet?  
Message-ID: <37E9149F.38EA471C@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

logullo@mindspring.com wrote:

>

> I can't remember if this book has been mentioned before on QRP-L; if so, sorry for bandwidth. This was a featured selection in a book club I'm in.

>

> Looks interesting, as it was written by a EE professor. It's an analysis of the NorCal 40A.

It's an excellent book! Great for anyone who would like to learn detailed theory of the design of a transceiver, such as the Norcal 40A.

While I'm not really fond of single-band QRP transceivers (although the DSW-40 is on my list to buy, after assembling my K2 and Sierra) this book makes me want to run out and order a 40A, just to follow through the assembly with the theory.

I have the original softcover edition, which was formerly available from Puff Distribution. Probably a lab manual for the EE 20 course at Caltech.

Now that Cambridge Press is publishing the textbook, the softcover edition is about \$45, and more than double that for the hardcover edition. It had been \$20 when Puff was handling the sales.

I'd really be interested to know if the content has been expanded since the original edition. Anyone have a chance to compare the two yet?

BTW, Prof. Rutledge gave an outstanding talk at the antenna forum at Pacificon last year. It was on the class E amplifiers that Puff still sells. I believe that there was an article on these amplifiers in the May and June, 1997 issues of QST Magazine.

72 de Jim - AD6CW

-----  
Date: Wed, 22 Sep 1999 14:02:50 -0400  
From: Sam Billingsley <SBillingsley@usaninc.com>  
To: "Qrp1\_Submit (E-mail)" <qrp-1@Lehigh.EDU>  
Subject: [51012] RE: Help for a Newbie with a Pixie  
Message-ID: <21E06269B00ED111BE9B00805F6D0FA3BBE91B@MAILSERVER1>  
MIME-Version: 1.0  
Content-Type: text/plain

Patrick be careful about operating a PIXIE with even a dummy load if the operator's are not licenced.

At a recent Hamfest in Atlanta the North Georgia QRP Club had two booths setup. One inside a building and another in a boneyard about 150 yards away. We used a PIXIE on one end with about 30 ft of wire with tuner and the other end was a Mighty Mite at 20 mW and a PLPV (loaded vertical). The PIXIE was about 150 mW. Both on 3.686 kHz.

We could hear the PIXIE's oscillator (when it was in receive mode) using another PIXIE for a receiver at 150 yards 559. I worked up and down the East Coast with my Mighty Mite at about 50 mW. Check my web page for my experience with PIXIE on 40 mtrs: 12 states Confirmed.

You will be suprised at the distance you can transmit with the 50 ohm resistor dummy loads even at these QRPP levels.

Sam Billingsley AE4GX  
Atlanta (Buckhead), GA  
personal web page at <http://ae4gx.home.mindspring.com/>  
North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

Subject: Help for a Newbie with a Pixie  
From: Patrick Scannell (ppdlg@gci.net)  
Date: Mon Sep 20 1999 - 23:51:13 EDT  
I'm helping my kids assemble our first qrp project - a couple of Pixie2  
Tranceivers from H.S.C.

This is for a demo in a school gym. Any suggestions for a small,  
antenna for 80 meters? This antenna is not for dx; just something  
simple that will tune to 3.7 Mhz (at least that is the crystal freq.)  
and can transmit to the other pixie accross the room.

73, Patrick -al0q

-----  
Date: Wed, 22 Sep 1999 11:19:59 -0600  
From: tom whalen <wb5qyt@eFortress.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [51013] QRP fun!  
Message-ID: <37E90FBF.6299@eFortress.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

QRPer's!

Just finished reading about Ed's excitement in finishing the K2 and the  
good reports he has been getting. I'm saving up for one myself.

I'm just now starting to build my 38s! Don't ask me why I haven't built  
it yet. Reading thru all the mods, sorting parts...tomorrow the solder  
will flow!

72, Tom WB5QYT...."Have spud will travel!"

-----  
Date: Wed, 22 Sep 1999 13:04:03 -0500  
From: "Randy Jouett" <rules@bellsouth.net>  
To: <ianpurdie@integritynet.com.au>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51014] Re: [Fwd: Re: 60 years!]  
Message-ID: <01f801bf0526\$27eb4750\$46e498cd@spock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Ian C. Purdie VK2TIP <ianpurdie@integritynet.com.au>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Wednesday, September 22, 1999 1:04 AM

Subject: Re: [Fwd: Re: 60 years!]

Hi Rich, Ian, and my fellow Lil' Rascals.

>Rich Wilkerson wrote:

>

>> You know, I was one that thought Wayne was nuts more than 20 years ago

>> when he said, "They will do away with the code", As i remember he was

>> always saying the "end was coming". Funny just how right he was.

>> Rich WD6FDD

Wayne sure was right on this one, Rich; however, I still think the guys got a screw loose, especially when he keeps writing editorials that have absolutely "nothing" to do with amateur radio. Not only that, the dude loves to say stuff like, "Listen here, you idiots! This is the way things are, you knot-heads, and I'm going to get on my high horse and tell you how to think correctly!" His editorials are filled with this drivel, and it's no wonder that his magazine has shrunk. Who likes to open a book, turn to the first page, and be told that they don't have a clue about life, mental thought processes, or anything else, for that matter?! IMHO, he should have stuck to the K2EEK or W1HR style of editorial, used his 70's "front cover list everything in the issue" style, and shut the heck up! I'd be willing to bet that 90% of his readership turns to their favorite column -- QRP for us "don't have a clue" dudes! :) -- reads it, and then skims the mag to "hopefully" find decent, relevant info or some kinda' of building project.

>Haven't seen 73 for about 20 years. Does he still do the IRS rant 'n rave  
>routine?

There's one thing about Wayne that you can take to the bank: he's going to rant and rave about



everything and its Grandmother, especially if it doesn't have a damn thing to do with amateur radio, Ian! You'd think that the "Lord of Intelligence" (Wayne) would be smart enough quit to bitching at people (like the ARRL), learn a little tack, ask in a polite manner if he could lend a hand to improve amateur radio, and go back to his successful 70's-style publication practices, but for some reason I don't think this is EVER going to happen. There's only one thing that can be said about this, and to quote Mr.. Chuck Adams, "Go figure."

72/73,

----

Randy Jouett, AB5NI

-----  
Date: Wed, 22 Sep 1999 14:19:46 EDT  
From: Robsparks@aol.com  
To: qrp-1@lehigh.edu  
Subject: [51015] AR QRP 40m Net Tonight  
Message-ID: <ab0aa1c3.251a77c2@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

AR-QRP 40 m Net Wednesday Night

The AR-QRP 40 m net is tonight, Wednesday, at 0030Z (7:30 CDT) at 7.042 MHz. Bob, AB5ZD is NCS and will be calling "QST AR QRP NET de NQ5RP PSE QNI". At that time, please send your full call (or a letter!). If there are many ops checking in, please be patient if I need to ask again for your call: sometimes it sounds like the beginning of Field Day here! When I copy you, I will return your call and AS (stand by) while more call in. When I have everyone's call, I will start at the top and go down the list for reports and comments. If you are building a rig or trying a new antenna, tell us about it! Everyone is interested in your power, so be certain to send that! However, try to keep it short, particularly if there are a lot of QNIs on the list. This is a fun and informal net, and is a low hassle way to learn how to check into a net. You don't need to be a member of the AR-QRP Club to check in. The bands are improving, and this is a chance to work VEs on QRP (big stuff for the gulf coast!) so hang around after the net and snag a new state! Still don't feel comfortable? Just "copy the mail" and improve your CW skills! We welcome volunteer NCSs and new check-ins!

72,

Bob AB5ZD

-----  
Date: Wed, 22 Sep 1999 11:23:08 -0700  
From: Jim <w7ls@blarg.net>  
To: SBillingsley@usaninc.com, qrp-1@lehigh.edu  
Subject: [51016] Re: Help for a Newbie with a Pixie  
Message-ID: <37E91E8C.EA477CEA@blarg.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I agree with Sam that a dummy load is probably your best bet for inside an auditorium. If it doesn't work well enough, try adding a few inches of wire to the dummy load. It will still look virtually like 50 ohms, but will radiate just a little energy. Jim W7LS

Sam Billingsley wrote:

> Patrick be careful about operating a PIXIE with even a dummy load if the  
> operator's are not licenced.  
>  
> At a recent Hamfest in Atlanta the North Georgia QRP Club had two booths  
> setup. One inside a building and another in a boneyard about 150 yards  
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> was about 150 mW. Both on 3.686 kHz.  
>  
> We could hear the PIXIE's oscillator (when it was in receive mode) using  
> another PIXIE for a receiver at 150 yards 559. I worked up and down the East  
> Coast with my Mighty Mite at about 50 mW. Check my web page for my  
> experience with PIXIE on 40 mtrs: 12 states Confirmed.  
>  
> You will be suprised at the distance you can transmit with the 50 ohm  
> resistor dummy loads even at these QRPP levels.  
>  
> Sam Billingsley AE4GX  
> Atlanta (Buckhead), GA  
> personal web page at <http://ae4gx.home.mindspring.com/>  
> North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>  
>  
> Subject: Help for a Newbie with a Pixie  
> From: Patrick Scannell (ppdlg@gci.net)  
> Date: Mon Sep 20 1999 - 23:51:13 EDT  
> I'm helping my kids assemble our first qrp project - a couple of Pixie2  
> Tranceivers from H.S.C.

>  
> This is for a demo in a school gym. Any suggestions for a small,  
> antenna for 80 meters? This antenna is not for dx; just something  
> simple that will tune to 3.7 Mhz (at least that is the crystal freq.)  
> and can transmit to the other pixie accross the room.  
>  
> 73, Patrick -al0q

-----  
Date: Wed, 22 Sep 1999 11:42:04 -0700 (PDT)  
From: "ElectronicsUSA.com" <wpc@west.net>  
To: qrp-l@Lehigh.EDU  
Subject: [51017] New Products- New Whiterook Mini-Key  
Message-ID: <19990922184204.6483D24B91@acme.sb.west.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Greetings QRP-L!

Here's the latest addition to our line up of inexpensive Pocket Mini-Keys,  
Mini-Paddles, and Mini-Keys by Whiterook Products:

\*\*\*\*The Model MK-55 Pocket Mini Piano Paddle

As usual, it is built into our famous "little red box" of course! Price:  
\$16.00

Also.....

\*\*\*\*Model MK-16 Velcro Tie Wrap Sets

These are VERY handy for portable operating set ups. We carry them in sets  
of 5 or 10 pieces, \$2.50 and \$4.00 respectively.

Thank you for your time and stay tuned to my website for more unique QRP  
related items and other cool products which are in the works.

The website address is: <http://ElectronicsUSA.com>

72, -John Roblin WA6KY0

=====

John Roblin  
ElectronicsUSA.com  
"Mini-Keys, Binary Clocks, and Other Cool Stuff!"  
\*\*\*VISIT OUR WEBSITE\*\*\*  
<http://ElectronicsUSA.com>

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Date: Wed, 22 Sep 1999 15:11:36 -0400  
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [51018] Re: K2 Closure.  
Message-ID: <37E929E8.E4EE1432@rit.edu>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

Ed Loranger wrote:

> To expedite building I used a plastic lead-former for the  
> resistors. It is a useful tool. I've also used small  
> flat files to form lead on smaller outline parts. Also  
> nice to use wooden dowels to form test loops in ground wire.  
> A lead former is just a plastic, vee shaped device, more like  
> a perspective drawing of radio tracks into the sunset.

Ed,

When I was a tech (back when we still built boards with through-hole components), that was the "tone-deaf xylophone." DEFINITELY worth the effort if your axial-lead components had consistent footprints. (i.e. 0.4" holes for 1/4 watt resistors, etc.)

> K2 beanie babies? Imagine mini beanbag replicas, rigs,  
> keys, etc! Ant. beams? Wow. Let the XMAS rush begin!

For a high-tech twist, we could add a sound box similar to the Silly Slammers toys that yelp or whine when you throw them down. Make it send Morse...

<whump> QRZ?  
<whump> CQ DX!  
<whump> UR 599

I guess it's time for my medication.

Dave

--

Dave Hinerman WD8CIV  
Ontario, NY Grid FN13IF  
dlh1009@rit.edu

-----  
Date: Wed, 22 Sep 1999 15:20:54 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [51019] REALLY RESTRICTED ANTENNAS  
Message-ID: <dc51b700.251a8616@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

A fellow ham is moving to a retirement village and they are not allowed any external antennas (tv, dish, etc). He is looking at giving up ham radio as a result of this limitation. I have followed several threads on restricted space antennas. His antenna would be room restricted. He would like 80-10M capability if possible. I would appreciate feedback from an antenna challenged ham. I have found the following as possible choices:

MAGNETIC LOOP: I noticed an article by Peter Parker VK3YE discussing one for 3-10 MHz as a possible solution  
<http://www.alphalink.com.au/~parkerp/nodec97.htm>

MOBILE ANTENNA: hamsticks, bugcatcher, outback, etc with artificial ground

(The dipole for 40-80M is not practicle in such a small space)

Alan KB7MBI

-----  
Date: Wed, 22 Sep 1999 14:25:57 -0500  
From: "George T. Baker" <w5yr@swbell.net>  
To: dave\_pomeroy@yahoo.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [51020] Re: open circuit battery voltage  
Message-ID: <37E92D45.4B3F1021@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

A new 1.5 volt conventional (carbon/zinc) dry cell - not alkaline -

should have a terminal voltage at room temperature of very nearly 1.5 volts. Should be good for a first try at calibration.

72/73, George            AMA 98452            R/C since 1964

Amateur Radio W5YR, in the 54th year and it just keeps getting better!  
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County  
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Dave Pomeroy wrote:

>  
> I am looking for some way to check my DMM. Can I use  
> an open circuit battery voltage for a cal source?  
> Thanks in advance for your help.  
> Dave Pomeroy

-----  
Date: Wed, 22 Sep 1999 15:00:45 -0500  
From: Michael Melland <badger@vbe.com>  
To: jmlowman@ix.netcom.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [51021] Was:Electronics of Radio - now, Another good text  
Message-ID: <37E9356D.FB63F146@vbe.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jim Lowman wrote:

> It's an excellent book!

Another excellent book is "The Art of Electronics", by Paul Horowitz, Winfield Hill (Contributor)..... usually sells for \$64.95 at Amazon etc.....

Currently on order but I found it for \$46.95 at Bookpool LLC.

73

--

Michael Melland, W9WIS  
Winneconne, Wisconsin, USA  
FISTS #4387, 10-10 #69281, QRP-L #1656,  
QRP-ARCI #9875, AK/QRP #478, NorCal  
CW, SSB, and Electronics  
List Administrator: grundig@qth.net  
<http://www.qsl.net/w9wis>

-----  
Date: Wed, 22 Sep 1999 16:07:59 EDT  
From: RABRUNER@aol.com  
To: dave\_pomeroy@yahoo.com, qrp-1@lehigh.edu  
Subject: [51022] Re: open circuit battery voltage  
Message-ID: <d5396f52.251a911f@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

In a message dated 99-09-22 11:23:06 EDT, dave\_pomeroy@yahoo.com writes:

> Can I use  
> an open circuit battery voltage for a cal source?

Heathkit and RCA used to provide a little index mark just off the end of the 1.5v scale of their VTVMs that represented 1.56 volts. That is the open circuit voltage of a fresh carbon-zinc (not alkaline) flashlight battery. It worked well enough to calibrate thousands of VTVMs over many years. Eveready carbon zinc batteries are still commonly available. These are the silver ones with the cat jumping through the nine on the front.

Bob Bruner  
WB4TAJ/9

-----  
Date: Wed, 22 Sep 1999 14:40:27 -0600  
From: lou martin <lmartin@uswest.net>  
To: qrp-1@lehigh.edu  
Subject: [51023] Looking for HW-8 Meter  
Message-ID: <37E93EBB.7C49C8D0@clsp.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Once again the HW-8 gets dusted off and massaged. Gave it another VFO alignment and tweaked everthing. It's HOT!

It's been modified inside and the back panel's got a couple of new connectors, but I'm looking for an original meter to make it look like it's not.

Any help would be appreciated.

72, LOU  
KCOBBE  
Monument, CO

-----  
Date: Wed, 22 Sep 1999 17:11:14 EDT  
From: charles k brown <n4so@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [51024] Resistor Lead Forming Tool  
Message-ID: <19990922.210912.4423.1.n4so@juno.com>

Jameco part No. 106884 or 133938  
page 102 in the last catalog//@ \$2.95//\$3.25  
Bends leads of resistors or capacitors precisely  
Jameco Electronic Components  
1 800 831-4242  
Cus. Service 1 800-536-4316  
info@jameco.com  
<http://www.jameco.com>

Ken Brown N4SO  
Mobile, AL/EM50tk  
NorCal-20/5 watts/4 ele. beam

-----  
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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Wed, 22 Sep 1999 17:15:17 -0400  
From: "Jim Bates" <jimbo@spectrum-internet.com>  
To: <ARDUJENSKI@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51025] Re: REALLY RESTRICTED ANTENNAS  
Message-ID: <002e01bf053f\$919fc9f0\$3e0232d8@jbates2>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

My "QRP" antenna is about 40 feet of #20 insulated random-wire running:  
out a door (right at the hinge)  
hooked under the attic ladder,



through the bedroom door,  
wrapped around a ceiling outlet screw,  
wrapped around the curtain rod.  
A week ago I worked Toronto(327 miles) using 0.3 watt.

My QRO antenna is a G5RV? zig-zag-ed around the attic.

-jim

-----Original Message-----

>...

>Subject: REALLY RESTRICTED ANTENNAS

>

>A fellow ham is moving to a retirement village and they are not allowed any  
>external antennas (tv, dish, etc). He is looking at giving up ham radio as  
a  
>...

-----

Date: Wed, 22 Sep 1999 14:26:37 -0700  
From: "John Moriarity" <k6qq@hdo.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51026] Need a Pacificon Roommate?  
Message-ID: <018901bf0541\$27cca780\$fb424cd1@k6qq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Hi All,

Is anybody looking for a roommate for Pacificon?  
Being basically cheap, I'd rather spend my bucks  
on goodies than a room of my own. I don't smoke,  
but my XYL says I snore. I don't believe her ;-)

73,

John, K6QQ

Alturas, CA, at the corner of 299 & 395.

-----  
Date: Wed, 22 Sep 1999 17:32:38 -0400  
From: "Perley Urquhart" <n1yuk@nemaine.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [51027] tube rigs  
Message-ID: <007401bf0541\$ff60a480\$3f1099d0@urquhart>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I am looking for plans on building a tube QRP rig!! Rupert Wood said that the 1977 ham Handbook has them. Does anyone have it and would graciously copy same for me? Also looking for an elmer on it, not much on electronics, but trying! Prefer a transceiver(?). Thanks. Perley, N1YUK -- Down in Maine!

-----  
Date: Wed, 22 Sep 1999 14:52:11 PDT  
From: "Tedd Wong" <wong\_te@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [51028] FS: QRP Tranceivers  
Message-ID: <19990922215211.67978.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

I have the following items for sale:

1. Norcal 38 Special BUILT but untested, with connectors/jacks \$25
2. Norcal 38 Special UNBUILT, with instruction manual. \$25
3. Machined case for 38 Special. \$25
4. Norcal 40A, built and tested, June 1999. \$100
5. NC-20, Norcal version with AGC mod and precision ten turn pot.\$120
6. A & A Engineering 30 meter QRP Tranceiver. \$80

Buy one or buy them all. You can save me the trouble of packing everything separate and take the whole lot for \$350. Above prices do not include shipping but it shouldn't be too much anyways; afterall they are QRP rigs :-)  
Thanks for BW.

Regards,

Tedd AB6CO Walnut, CA 91789

-----  
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-----  
Date: Wed, 22 Sep 1999 18:21:25 -0400  
From: "The One and Only!" <mitch96@pobox.com>  
To: af852@rgfn.epcc.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [51029] Re: Antenna Article from CQ  
Message-ID: <37E95665.29698C7@pobox.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

"William R. Colbert" wrote:

> It was entitled Parallel Verticals, A broadband Antenna  
> covering 6 bands without Traps by robert H. Johns, W3JIP,  
> Chief Engineer of Barker & Williamson. However, it was not  
> a PVC antenna, but used emt conduit that were held in place with  
> pvc insulator rings. The date on this CQ Magazine article  
> is August 1983, pages 20-23.  
> 73  
> Ray

Hi Ray, Bill, et al

I had one of these jewels back around then, some time, i think. I had it mounted on a flat roof house here in florida. the whole roof was covered with radials cut to the different operating frequencies. WORKED LIKE A CHAMP!!!!!! If you could make a copy of the article and send it to me, i would spring for copy charges and postage.  
thanks  
73, mitch ww4ml

-----  
Date: Wed, 22 Sep 1999 14:29:43 -0700  
From: william h ross <k6mgo@juno.com>  
To: qrp-1@Lehigh.EDU

Subject: [51030] Fw: Re: Purely Amazing - what can be done with rotten set ups  
Message-ID: <19990922.152130.-145215.1.k6mgo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

--- WB9MII@aol.com wrote:

....

> With 1 watt...and an indoor Zepp fed with  
> cheapo tv twinlead (with about 10  
> feet of it on the floor....helps the Johnson  
> Matchbox load it up)

By the book is probably the best way of doing it.  
But I sure wouldn't let far less than perfect  
conditons or setups keep me off the air!

72!

Jeff

=====

I'll second that, Jeff. Just got done working K2UJ, in Holland Patent, NY  
on 15M, with 5 watts and my trusty 64 ft. doublet in my garage, right  
over my head, from Marina Del Rey, CA (outside Los Angeles). We had a  
nice ragchew. He was QRP also.

73/72

Bill, K6MGO

QRPl #1532, NORCAL 2902, Zombie #544 QRP ARCI #9963

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Date: Wed, 22 Sep 1999 15:18:29 -0700  
From: william h ross <k6mgo@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [51031] Fw: REALLY RESTRICTED ANTENNAS  
Message-ID: <19990922.152130.-145215.3.k6mgo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

A fellow ham is moving to a retirement village and they are not allowed any external antennas (tv, dish, etc). He is looking at giving up ham radio as a result of this limitation. MAGNETIC LOOP: I noticed an article by Peter Parker VK3YE discussing one for 3-10 MHz as a possible solution  
<http://www.alphalink.com.au/~parkerp/nodec97.htm>

MOBILE ANTENNA: hamsticks, bugcatcher, outback, etc with artificial ground

(The dipole for 40-80M is not practicle in such a small space)

Alan KB7MBI

Allan, I use a 64 ft doublet in my 21 X 21 ft garage, so some interesting things can be done. But I have had a MFJ 36 inch mag loop, worked pretty good from my upstairs bedroom/ham shack. I have heard of using two 80M ham sticks, fed with open line (300 ohm- 450 ohm, etc.) and using a tuner, it's all band, 80M to what ever you have, 6M or even 2M. Two ham sticks are only 14 ft over all , that would fit into a small room, diaginally, lots of things he could do to stay on the air.

Good luck es 73

Bill, K6MGO

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-----  
Date: Wed, 22 Sep 1999 15:30:24 +0000  
From: flyer@hooked.net  
To: qrp-l@lehigh.edu  
Subject: [51032] FS Emtech NW40 & other stuff  
Message-ID: <199909222226.PAA03670@wenet.net>

I have decided to buy a K-2 and, hopefully, one or two of you are going to help me pay for it. I have the following for sale.

Emtech NW40 with cabinet and audio filter. This is unbuilt and still in the original box.

Emtech ZM2, unbuilt and in original box.

Parts from Emtech to build the NW40 as an NW30, but you can't do both.

I would like to sell the above 3 items to one person for \$125 including shipping anywhere in the lower 48.

I also have 3 matched pairs of Motorola MRF477 transistors. I bought these from RF Parts Co. about 18 months ago and they are still in the packages. I intended to build the all-band 50W amplifier that appears on page 17.95 of the 97 ARRL Handbook. It uses a pair of them. I paid \$62 a pair for these. I will let them go for \$40 a pair (shipping included). Buy at least two pair and I will throw in the 4 PC boards from Far Circuits for the amplifier.

Mark Smith    W7MTP                      Pleasanton, CA

-----  
Date: Wed, 22 Sep 1999 18:53:21 EDT  
From: n5ib@juno.com  
To: qrp-1@Lehigh.edu  
Subject: [51033] velcro tie-wraps  
Message-ID: <19990922.174259.7903.1.N5IB@juno.com>

Just visited the Whiterook web site < <http://ElectronicsUSA.com> >  
Well, shoot, just when I thought I had an invention that I was going to tell y'all about.... anyway...

My version:  
get some 3/4" wide elastic at the fabric store, also some 3/4" wide velcro strips  
cut elastic into length of 4" to 6" as desired  
cut velcro into 1" "patches"  
sew a velcro loop patch onto one end of elastic strip  
sew a velcro hook patch onto the other end of the elastic ON THE OPPOSITE SIDE

(otherwise you'll have a mobius loop, which Dilbert uses for project time lines)  
Presto, an elastic, reclosable strap for coiled up antenna wire, coax, power cords, bundles of pencils, etc

Bonus idea:  
the poly containers for Crystal Lite lemonade mixes are like giant film cannisters. They are translucent and have a snug fitting lid. I can fit a whole 40 m dipole in one. Another holds my straight key and a couple of pencils. In a third are a selection of coax and audio plug adapters. Two

or three short RG58 coax jumpers fit in another.

72

Jim N5IB

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End of QRP-L Digest 1586

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